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POLLUTION OF SUBSURFACE WATER BY SANITARY LANDFILLS

Volume 2

This interim report (SW-12rg.1) on work performed under
solid waste management research grant EP-000162 to Drexel University
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Volume 1 is a narrative description of the project and will be
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Volume 3 is a compilation of the experimental data collected
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U.S. ENVIRONMENTAL PROTECTION AGENCY
1971

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16. Abstracts This study was to provide quantitative information as to the behavior of sanitary landfills under natural and simulated environmental conditions in an environment common to southeastern Pennsylvania and a large portion of the region extending between Washington, D.C., and Boston, Massachusetts. The long-range objectives were: (1) To provide means for predicting the movement of pollutants in subsurface regions under existing and proposed sanitary landfill sites. (2) To develop hydrologic, geologic, and soil criteria for the evaluation of site suitability for sanitary landfill operations. (3) To appraise design methods and remedial procedures for reducing any undesirable contaminant movement. A laboratory and a field sanitary landfill were developed to generate the data needed to attain these long-range objectives. This report consists of three volumes: Volume 1 (available from the U.S. Environmental Protection Agency, Cincinnati, Ohio 45213) describes the experimental facilities; this volume (Volume 2) contains the experimental data collected from Oct. 1, 1967, to Dec. 31, 1968; Volume 3 (also available from the National Technical Information Service) contains the experimental data collected from Jan. 1, 1969, to Sept. 29, 1969.

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FOREWORD

An important objective of the Office of Solid Waste Management Programs is to aid in developing economic and efficient solid waste management practices. As authorized under the Solid Waste Disposal Act (Public Law 89-272) and the Resource Recovery Act (Public Law 91-512), the Office has awarded almost 100 research grants to nonprofit institutions in this effort to stimulate and accelerate the development of new or improved ways for handling the Nation's discarded solids.

The present document reports on work done under one of these research grants, and was received from the grantee in three volumes. Volume 1 is a narrative description of the project. This volume is a compilation of the experimental data collected from October 1, 1967, to December 31, 1968. Volume 3 is a compilation of the experimental data collected from January 1, 1969, to September 29, 1969, and is also available through the National Technical Information Service, Springfield, Virginia 22151.

Research Grant EP-000162 has been renewed to cover an additional 3 years of research. Volume 4 of this series is an interim report covering an additional year of testing and evaluation. This volume is currently being processed and will be published in early 1972. A final report covering the entire 6-year project period is expected for publication in the fall of 1972.

It is recognized that a sanitary landfill, unless properly engineered and on a suitable site, can pollute subsurface water. To determine the kind and degree of contamination under varying field and laboratory conditions was an aim of this project. From this, criteria were developed which can be useful to others in the design of landfills and prediction of their performance.

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INTRODUCTION

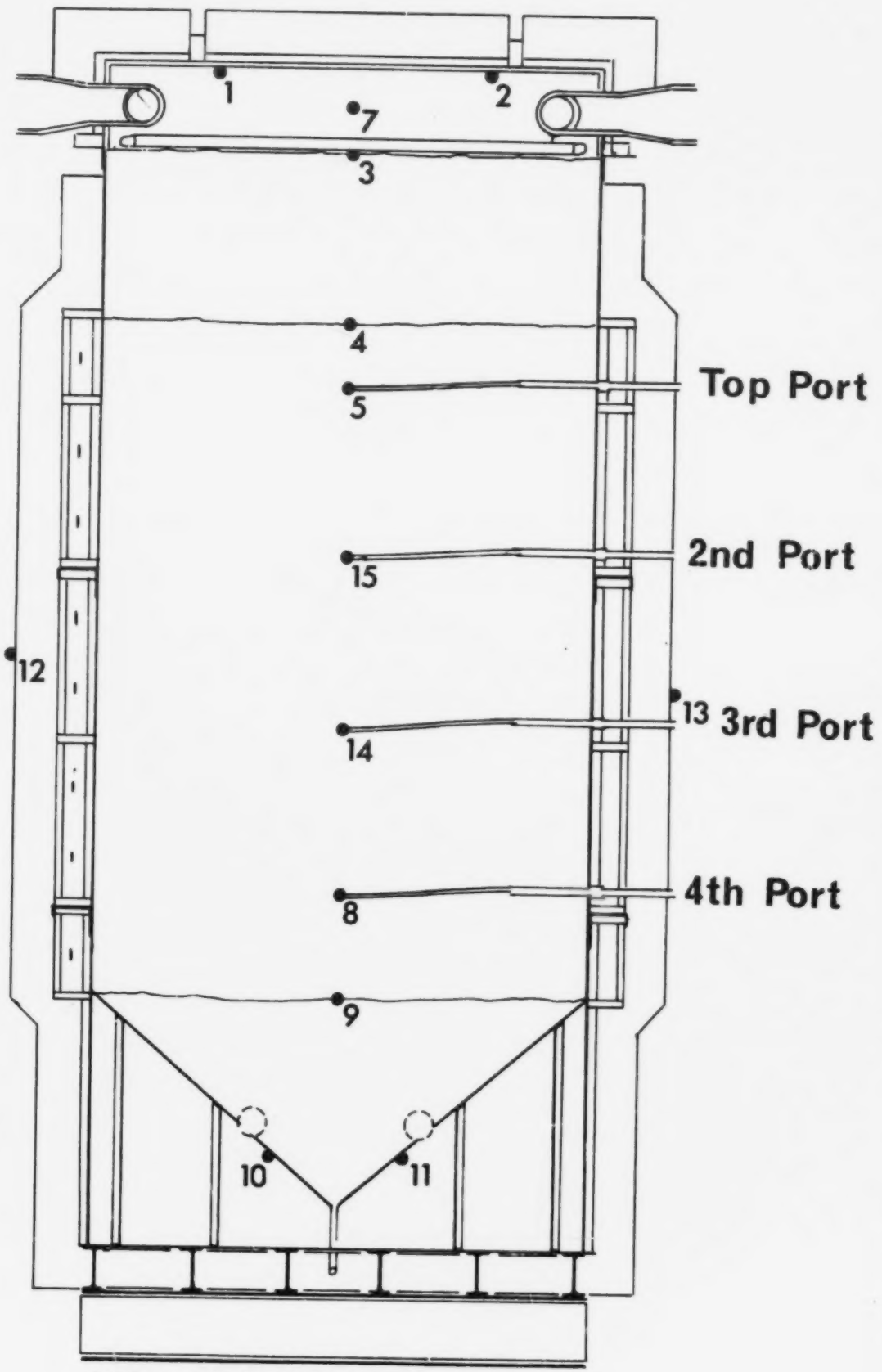
The data presented herein has been obtained from the experimental facilities described in Volume 1. The data is separated into two sections and includes all results obtained through December 31, 1968.

Section I contains data obtained from the laboratory experimental sanitary landfill. Section II contains data obtained from the field experimental facility. Each of the two main sections are divided into three subsections; A contains temperature data, B contains percentages of gases generated, and C contains chemical composition of leachate.

SECTION I

LABORATORY EXPERIMENTAL SANITARY LANDFILL

Note: Figure 1 - shows thermistor locations and positions of the four sampling ports.



Y.S.I. THERMISTOR LOCATION

Fig. 1

SECTION 1-A

LYSIMETER TEMPERATURES

Notes:

1. Nomenclature

MO	= month
DA	= day of the month
YR	= year 196-
DAY NO	= day of the year
HR	= hour

2. T1 through T15 = temperatures correspond to locations shown in Fig. 1.

3. Data not recorded indicates no temperature data available.

4. Daily averages are from September 27, 1967 to March 10, 1968; four hour readings from March 11, 1968 to December 31, 1968.

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
9	27	7			.4	38.6	81.5	79.1	82.0	83.8	85.4
9	28	7	1		37.4	38.5	79.2	74.6	75.8	84.8	82.0
9	29	7	2		76.6	76.6	75.1	82.7	82.4	85.7	84.2
9	30	7	3		72.2	71.6	70.5	75.3	76.5	80.2	74.5
10	1	7	4		73.7	74.5	70.6	73.7	78.4	80.5	79.5
10	2	7	5		67.8	68.1	70.6	79.7	79.8	84.3	84.8
10	3	7	6		55.6	56.4	70.6	81.5	81.0	85.7	81.4
10	4	7	7		57.5	60.2	70.6	65.9	85.3	84.5	84.8
10	5	7	8		60.6	62.1	70.6	87.3	85.9	80.6	84.9
10	6	7	9		54.6	58.6	70.6	70.6	72.7	80.3	72.9
10	7	7	10		54.6	55.4	70.4	60.0	83.6	80.2	82.0
10	8	7	11		51.1	54.6	70.5	56.4	80.0	80.0	85.4
10	9	7	12		54.5	58.3	70.6	58.1	67.4	80.5	83.1
10	10	7	13		52.4	55.8	70.6	63.0	80.5	83.7	74.9
10	11	7	14		54.3	58.7	70.6	67.7	65.0	83.9	77.8
10	12	7	15		56.7	57.7	70.6	71.5	68.6	80.7	79.7
10	13	7	16		56.7	57.3	55.7	71.6	72.3	102.8	85.1
10	14	7	17		57.4	58.3	57.6	80.3	80.0	88.1	78.8
10	15	7	18		54.7	55.3	55.7	64.5	87.1	88.5	79.4
10	16	7	19		55.1	56.7	56.1	79.9	76.9	89.5	84.4
10	17	7	20		57.6	58.5	58.1	59.4	86.1	83.6	80.8
10	18	7	21		60.3	61.7	59.8	67.9	62.5	85.5	85.0
10	19	7	22		55.4	57.6	57.6	61.8	58.4	82.5	81.0
10	20	7	23		55.6	57.	57.4	57.5	53.4	84.4	81.5
10	21	7	24		54.	55.2	56.3	56.1	51.6	100.0	100.5
10	22	7	25		54.7	55.5	57.	54.2	51.4	86.4	83.2
10	23	7	26		54.	54.8	56.	55.4	52.4	89.2	83.5
10	24	7	27		56.	57.3	57.4	57.2	53.4	88.9	82.7
10	25	7	28		55.4	56.3	57.2	55.5	52.7	83.4	84.9
10	26	7	29		56.	57.0	56.1	56.5	56.8	86.7	81.4
10	27	7	30		57.6	57.2	57.	59.4	57.0	87.0	82.6
10	28	7	31		56.1	57.1	56.8	60.7	58.5	82.3	79.4
10	29	7	32		53.5	55.3	60.5	71.2	58.5	82.6	77.8
10	30	7	33		51.1	53.4	56.7	59.4	57.0	84.6	80.3
10	31	7	34		45.5	47.6	57.7	58.5	55.1	83.7	81.1
11	1	7	35		48.6	47.3	60.3	56.1	54.7	84.6	81.8
11	2	7	36		45.	44.8	60.3	58.3	55.3	77.6	83.2
11	3	7	37		44.7	47.7	60.	58.0	54.9	87.9	81.6
11	4	7	38		43.8	44.6	54.8	53.1	50.3	87.1	80.6
11	5	7	39		41.3	43.3	56.4	50.4	48.2	85.1	79.2
11	6	7	40		44.6	41.1	53.3	50.9	47.3	84.7	78.8
11	7	7	41		43.1	43.9	44.1	44.4	45.4	85.2	78.4
11	8	7	42		47.4	51.1	47.3	47.1	54.1	85.7	80.8
11	9	7	43		44.7	48.	48.3	46.7	54.7	85.1	81.0
11	10	7	44		41.3	43.1	47.7	45.3	54.1	82.4	79.0
11	11	7	45		37.4	44.3	44.4	44.6	53.9	85.1	78.0
11	12	7	46		43.3	43.3	47.7	43.4	45.5	83.4	76.3
11	13	7	47		44.6	44.1	48.8	47.4	54.7	14.5	78.8
11	14	7	48		45.7	46.7	48.1	45.8	47.7	84.8	80.8
11	15	7	49		44.5	44.6	48.5	47.3	54.1	81.6	74.7
11	16	7	50		43.	44.8	46.7	47.5	54.7	87.5	81.4
11	17	7	51		43.7	45.	45.7	45.6	51.1	86.8	78.1
11	18	7	52		42.5	44.7	47.3	45.5	51.5	82.2	84.8
11	19	7	53		42.	.4	44.4	43.7	47.5	87.7	82.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
11	21	7	55	0	44.9	46.9	47.9	59.4	55.9	87.8	82.6
11	22	7	56	0	48.4	49.8	50.1	58.6	54.6	89.6	83.8
11	27	7	61	0	42.0	49.0	45.7	59.6	55.7	85.2	79.0
11	28	7	62	0	45.6	47.1	47.4	59.2	55.0	85.6	80.1
11	29	7	63	0	47.7	49.3	49.6	59.0	53.8	85.9	80.2
11	30	7	64	0	44.5	46.4	46.9	58.0	54.5	85.7	80.5
12	1	7	65	0	43.4	46.1	45.5	58.3	53.9	84.1	79.2
12	2	7	66	0	47.7	50.3	45.2	58.7	55.5	82.5	78.4
12	3	7	67	0	52.8	55.2	52.5	56.6	52.6	87.3	81.1
12	4	7	68	0	54.5	56.4	54.8	56.2	52.9	87.3	81.9
12	5	7	69	0	44.1	47.1	45.7	55.7	52.5	87.5	83.1
12	6	7	70	0	43.5	46.8	47.5	57.9	54.0	82.7	77.7
12	7	7	71	0	45.7	45.0	45.8	56.2	52.9	85.6	81.2
12	8	7	72	0	45.3	45.4	43.4	56.1	52.6	86.9	79.2
12	9	7	73	0	41.7	42.0	46.4	57.0	54.3	83.6	77.7
12	10	7	74	0	42.4	42.7	47.0	58.3	56.0	81.5	76.4
12	11	7	75	0	44.4	45.2	47.0	57.9	54.1	85.3	80.4
12	12	7	76	0	43.6	45.5	47.3	56.9	53.6	85.8	83.3
12	13	7	77	0	43.5	43.7	45.0	56.1	53.7	88.5	80.5
12	14	7	78	0	44.7	44.5	49.8	55.5	52.5	91.3	83.3
12	15	7	79	0	41.7	41.2	45.7	57.5	56.4	85.0	79.4
12	16	7	80	0	45.9	46.7	45.2	58.8	55.7	86.1	79.1
12	17	7	81	0	43.1	42.9	46.9	57.2	56.5	83.7	80.9
12	18	7	82	0	44.8	44.6	49.3	57.3	55.2	85.5	79.1
12	19	7	83	0	38.7	43.0	45.7	57.2	54.0	79.2	75.8
12	21	7	85	0	47.7	47.9	54.8	57.3	54.8	83.6	77.8
12	22	7	86	0	41.2	41.3	46.4	55.3	53.5	86.4	77.3
12	23	7	87	0	42.3	43.6	49.3	54.3	50.2	79.1	75.1
12	24	7	88	0	43.5	44.4	56.1	47.6	46.9	77.1	76.1
12	25	7	89	0	44.6	44.7	47.4	53.4	49.7	78.4	77.3
12	26	7	90	0	43.7	41.7	45.5	51.5	46.5	78.7	76.2
12	27	7	91	0	38.8	39.1	44.1	51.6	44.3	79.5	74.2
12	28	7	92	0	37.5	39.2	43.2	52.9	47.4	77.0	74.0
12	29	7	93	0	39.6	41.1	45.8	51.9	51.9	77.6	72.5
12	30	7	94	0	40.6	42.6	47.0	56.2	54.5	82.8	76.8
12	31	7	95	0	41.5	43.0	42.1	55.2	53.6	83.9	77.2
1	1	8	96	0	42.5	44.5	45.7	56.0	55.3	83.5	76.9
1	2	8	97	0	41.3	42.0	45.1	56.4	57.1	73.4	73.1
1	3	8	98	0	44.1	45.3	50.0	56.5	54.3	81.3	76.1
1	4	8	99	0	35.4	37.7	45.1	58.2	51.6	82.4	77.2
1	5	8	100	0	35.5	36.9	43.5	56.5	55.7	80.5	75.1
1	6	8	101	0	37.5	39.1	44.8	55.4	53.5	83.1	76.5
1	7	8	102	0	37.3	39.7	44.2	55.3	54.2	82.5	75.9
1	8	8	103	0	36.3	37.7	43.1	57.2	55.4	79.3	77.8
1	9	8	104	0	35.7	36.1	41.7	57.8	56.2	76.1	71.8
1	10	8	105	0	37.6	39.9	43.4	56.6	55.5	79.4	73.1
1	11	8	106	0	36.9	36.7	41.5	57.7	56.4	75.5	71.5
1	12	8	107	0	35.7	38.8	43.1	56.2	56.0	79.5	75.3
1	13	8	108	0	37.3	40.8	45.4	54.8	52.6	82.1	78.0
1	14	8	109	0	41.4	42.6	47.1	54.1	52.8	83.5	76.3
1	15	8	110	0	41.4	43.5	47.5	54.6	52.6	83.6	79.8
1	16	8	111	0	39.1	41.7	45.2	54.8	53.0	80.5	76.3
1	17	8	112	0	39.2	42.6	46.9	54.3	53.5	81.4	76.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	MO	HR	T1	T2	T3	T10	T11	T12	T13
1	18	8	113	0		43.8	47.8	48.7	54.4	52.5	85.7	80.3
1	19	8	114	0		37.7	40.5	45.2	55.3	52.8	86.7	80.2
1	20	8	115	0		37.4	38.2	46.1	55.5	52.4	87.0	81.3
1	22	8	117	0		40.8	41.6	47.8	58.4	57.0	82.6	77.8
1	23	8	118	0		40.2	40.2	47.1	56.6	53.8	84.7	78.6
1	24	8	119	0		41.4	42.2	48.4	58.7	57.5	81.1	75.4
1	25	8	120	0		42.4	43.8	48.8	58.7	56.5	79.7	76.6
1	26	8	121	0		37.5	37.2	48.5	57.8	55.0	83.6	78.6
1	27	8	122	0		36.7	44.0	48.2	55.5	54.1	85.2	80.5
1	28	8	123	0		43.6	37.2	41.1	56.7	54.2	85.7	79.5
1	29	8	124	0		44.3	47.4	48.7	60.0	59.1	78.5	74.5
1	30	8	125	0		50.4	50.1	52.1	64.3	56.5	85.0	79.9
1	31	8	126	0		44.2	44.2	45.7	62.3	56.4	88.1	82.6
2	1	8	127	0		40.7	38.7	42.5	56.7	53.7	86.4	82.2
2	2	8	128	0		42.0	41.4	44.7	64.6	63.3	88.8	81.5
2	3	8	129	0		42.7	41.8	44.1	57.0	54.2	83.2	81.7
2	4	8	130	0		42.6	42.1	44.7	57.6	54.7	86.8	87.2
2	5	8	131	0		41.2	39.3	41.2	54.1	50.2	84.6	81.5
2	6	8	132	0		45.5	44.4	47.3	57.7	55.1	86.7	85.3
2	7	8	133	0		44.2	44.1	46.4	58.0	57.7	84.3	79.3
2	8	8	134	0		39.3	38.6	41.0	53.5	55.3	84.3	79.4
2	9	8	135	0		44.7	44.0	46.5	56.5	53.4	83.1	77.5
2	10	8	136	0		38.1	38.4	39.3	54.7	52.3	80.2	75.4
2	11	8	137	0		32.5	31.7	36.8	50.4	48.1	79.1	74.7
2	12	8	138	0		33.7	32.3	35.4	50.5	47.3	81.5	75.0
2	13	8	139	0		33.2	33.6	35.5	50.5	50.4	79.1	71.0
2	14	8	140	0		38.4	37.1	38.6	58.3	57.2	76.7	75.1
2	15	8	141	0		38.7	36.8	38.1	57.5	55.1	84.4	78.1
2	16	8	142	0		34.2	33.6	37.6	57.1	53.2	85.5	80.4
2	17	8	143	0		34.2	34.6	36.8	55.3	53.3	84.2	82.4
2	18	8	144	0		35.3	34.1	35.2	57.4	54.3	84.1	79.0
2	21	8	147	0		36.4	34.7	36.1	56.4	54.3	84.1	80.0
2	22	8	148	0		35.5	36.7	38.2	58.4	57.3	80.7	75.4
2	23	8	149	0		40.5	37.9	38.4	57.4	55.2	84.9	78.9
2	24	8	150	0		38.3	36.7	41.1	60.1	61.3	79.3	76.7
2	25	8	151	0		38.2	37.1	41.1	57.8	54.1	82.8	78.8
2	26	8	152	0		39.4	39.2	41.6	59.1	58.3	80.6	79.2
2	27	8	153	0		39.4	38.1	41.4	58.4	56.5	77.8	73.1
2	28	8	154	0		39.7	39.1	41.6	58.2	54.8	85.8	81.1
2	29	8	155	0		39.6	38.2	42.7	60.7	56.1	84.9	79.9
3	1	8	156	0		37.6	37.6	41.3	57.3	55.3	83.7	78.5
3	2	8	157	0		38.1	36.2	39.7	57.5	53.6	84.4	82.9
3	3	8	158	0		38.6	37.7	39.5	59.3	56.5	83.7	79.4
3	4	8	159	0		38.8	38.2	40.5	61.4	55.6	81.6	79.4
3	5	8	160	0		37.4	36.6	39.7	55.4	52.7	80.8	81.7
3	6	8	161	0		38.6	38.3	40.3	58.9	54.3	84.3	82.4
3	7	8	162	0		40.4	41.2	43.5	63.3	58.7	85.1	77.9
3	8	8	163	0		41.7	40.1	44.3	56.8	54.4	81.1	85.0
3	9	8	164	0		40.6	39.1	44.7	57.4	54.3	81.3	85.6
3	10	8	165	0		44.1	44.1	46.1	57.6	55.6	84.5	84.5
3	11	8	166	0		45.3	45.3	47.1	58.1	54.7	83.4	84.0
3	11	8	166	0		45.3	45.3	47.1	57.4	56.4	84.7	85.3
3	11	8	166	0		45.3	45.3	47.1	57.0	55.5	81.4	84.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
3	11	8	166	12	37.4	36.6	47.3	60.0	57.5	87.0	75.2
3	11	8	166	16	37.0	36.1	59.5	53.8	58.6	88.1	76.7
3	11	8	166	21	34.5	33.7	47.4	55.7	54.6	85.7	81.3
3	12	8	167	0	34.1	33.3	45.5	56.3	52.3	89.6	83.0
3	12	8	167	4	34.0	33.1	44.3	57.0	53.5	89.3	82.6
3	12	8	167	8	34.5	33.7	43.7	56.4	52.4	86.8	82.4
3	12	8	167	12	34.5	33.6	43.1	53.1	54.1	84.9	81.5
3	12	8	167	16	35.2	34.3	43.2	56.5	52.4	85.9	82.0
3	12	8	167	21	36.4	35.5	43.5	57.2	55.0	86..	82.6
3	13	8	168	0	37.2	36.4	43.6	56.4	52.4	83.9	83.2
3	13	8	168	4	36.1	37.3	43.7	55.8	51.6	89.9	84.3
3	13	8	168	8	37.8	37.1	43.8	55.6	51.5	87.8	84.1
3	13	8	168	12	36.5	35.9	43.2	59.2	57.8	85.1	75.2
3	13	8	168	17	38.3	35.8	43.2	58.3	57.9	85.3	75.3
3	13	8	168	21	37.7	36.3	42.7	59.0	55.5	84.5	79.6
3	14	8	169	0	36.6	36.0	42.4	59.2	56.6	83.5	79.8
3	14	8	169	11	32.3	31.5	42.5	55.8	56.0	83.8	79.3
3	14	8	169	14	32.2	32.4	42.6	59.3	55.8	83.8	79.7
3	14	8	169	17	33.7	32.8	43.3	58.0	53.7	89.5	81.6
3	14	8	169	21	33.0	32.8	42.8	59.0	53.3	86.0	81.0
3	14	8	169	23	33.7	32.8	42.8	58.0	56.2	89.3	81.2
3	15	8	170	0	33.8	33.5	42.8	59.1	57.7	87.2	81.5
3	15	8	170	16	40.8	40.1	44.0	56.5	53.8	91.7	83.9
3	15	8	170	17	40.2	39.4	43.7	57.3	53.2	89.6	83.2
3	15	8	170	18	40.5	41.1	43.8	57.5	53.5	87.6	82.6
3	15	8	170	20	41.1	41.6	43.7	59.5	56.4	86.4	81.0
3	15	8	170	22	41.2	40.8	43.7	59.4	54.8	86.6	81.2
3	16	8	171	0	41.5	40.6	43.6	59.1	59.2	87.0	79.0
3	16	8	171	8	37.7	37.7	43.6	58.2	51.7	85.4	80.6
3	16	8	171	8	37.6	37.9	43.5	59.0	57.5	85.6	80.5
3	16	8	171	9	36.3	36.3	43.5	58.4	55.3	85.8	80.9
3	16	8	171	12	36.6	35.9	43.5	54.1	57.1	89.1	82.2
3	16	8	171	14	34.6	34.3	43.5	56.4	54.8	89.2	82.7
3	16	8	171	15	40.2	39.7	43.6	59.1	55.7	83.9	79.1
3	16	8	171	16	40.4	40.2	43.3	60.6	61.4	81.5	77.1
3	16	8	171	19	40.2	39.3	44.4	58.9	57.8	86.2	81.9
3	16	8	171	21	39.2	38.4	44.8	59.2	56.6	86.6	81.5
3	16	8	171	23	39.1	38.4	44.5	58.6	54.8	86.5	81.5
3	16	8	172	0	38.4	37.1	44.8	59.1	56.1	86.0	80.8
3	16	8	172	6	35.5	35.9	45.8	57.5	54.4	89.6	82.9
3	17	8	173	4	38.6	37.1	44.9	57.5	53.5	89.0	83.8
3	17	8	173	8	38.5	37.7	44.4	56.6	52.3	90.0	84.7
3	17	8	174	12	41.6	41.4	43.9	60.2	57.9	90.9	80.5
3	17	8	174	16	40.1	40.1	44.2	59.2	56.7	91.8	81.2
3	17	8	174	20	38.2	37.5	44.0	59.2	56.3	91.7	84.3
3	18	8	175	0	38.1	38.1	44.3	59.3	57.0	89.8	83.7
3	18	8	175	4	40.8	40.1	44.5	58.2	54.7	92.4	85.7
3	18	8	175	8	42.4	41.7	43.0	59.8	57.4	93.0	86.7
3	18	8	175	12	45.8	44.3	47.2	58.9	56.4	91.1	86.0
3	18	8	175	16	47.2	46.1	48.6	59.5	56.4	91.4	86.8
3	18	8	175	20	44.5	43.4	46.2	58.9	54.5	92.6	85.1
3	21	8	178	0	37.7	36.6	45.4	59.5	56.8	89.5	84.1
3	21	8	178	4	37.5	36.7	44.9	60.0	60.3	86.2	83.6

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
3	21	8	176	8	37.8	36.9	44.6	60.9	60.2	87.8	83.2
3	21	8	176	12	38.6	37.6	44.5	59.9	60.2	90.0	83.1
3	21	8	176	16	40.0	39.1	44.8	59.1	58.1	92.9	87.4
3	21	8	176	20	41.4	40.9	45.3	58.4	54.5	94.6	89.5
3	22	8	177	0	43.2	42.5	45.8	58.4	57.9	91.6	87.0
3	22	8	177	4	44.3	43.6	46.2	58.8	55.7	88.4	85.3
3	22	8	177	8	47.5	46.8	47.1	59.8	55.0	93.8	87.8
3	22	8	177	12	36.2	36.5	45.6	61.3	58.6	86.5	80.2
3	22	8	177	16	36.7	36.1	45.2	59.7	56.1	89.0	82.9
3	22	8	177	20	36.3	35.6	44.8	60.3	56.7	87.2	77.5
3	23	8	178	0	36.6	35.9	44.1	60.5	57.0	86.3	82.2
3	23	8	178	4	40.0	39.2	44.7	61.2	59.4	90.0	85.2
3	23	8	178	8	42.4	41.6	45.5	58.3	54.7	91.2	86.2
3	23	8	178	12	37.4	36.6	46.0	59.4	54.7	84.3	83.4
3	23	8	178	16	36.9	36.3	45.5	59.5	54.5	89.4	83.7
3	23	8	178	20	37.1	36.4	45.3	58.8	56.2	89.8	83.2
3	24	8	179	0	36.2	35.6	44.1	59.8	59.3	80.7	83.6
3	24	8	179	4	37.6	37.0	44.3	58.0	54.5	93.5	85.9
3	24	8	179	8	37.6	37.0	43.7	58.5	56.3	94.6	86.2
3	24	8	179	12	37.6	37.1	43.6	59.7	56.3	92.9	85.9
3	24	8	179	16	37.8	37.4	43.7	59.3	55.3	88.9	84.4
3	24	8	179	20	38.0	37.4	43.8	58.7	56.3	86.7	84.4
3	25	8	180	0	38.2	37.5	43.7	58.6	55.8	85.9	85.4
3	25	8	180	4	34.7	34.0	44.1	60.5	57.1	84.0	71.6
3	25	8	180	8	32.6	31.9	44.6	60.9	57.5	87.9	73.4
3	25	8	180	12	32.8	32.0	45.5	61.3	62.4	85.9	74.3
3	25	8	180	16	31.8	30.7	47.2	60.9	60.1	85.1	72.6
3	25	8	180	20	31.6	30.1	46.7	61.5	62.1	84.7	71.5
3	26	8	181	0	33.5	32.5	47.5	60.9	60.2	85.2	80.4
3	26	8	181	4	34.2	33.5	46.4	61.1	58.0	84.4	81.0
3	26	8	181	8	35.5	34.7	46.2	60.3	57.5	90.1	81.7
3	26	8	181	12	35.5	34.9	45.9	61.0	59.0	76.3	74.3
3	26	8	181	16	35.7	34.7	43.6	60.3	54.1	84.3	80.3
3	26	8	181	20	35.0	33.9	42.4	59.3	55.5	85.7	81.4
3	27	8	182	0	35.2	34.5	43.4	60.3	56.6	84.5	81.1
3	27	8	182	4	37.2	36.3	44.2	59.6	54.4	90.7	84.5
3	27	8	182	8	36.3	37.4	44.5	59.8	55.1	91.6	85.2
3	27	8	182	12	34.5	33.8	43.1	61.1	59.4	84.4	79.6
3	27	8	182	16	35.3	34.7	44.2	59.2	55.4	87.9	82.5
3	27	8	182	20	37.4	36.9	44.4	57.5	54.2	91.7	85.8
3	28	8	183	0	37.3	36.8	44.5	56.8	52.6	91.9	85.8
3	28	8	183	4	37.6	37.3	44.4	57.3	54.3	91.8	85.2
3	28	8	183	8	37.3	36.9	44.7	57.3	56.7	91.5	84.6
3	28	8	183	12	38.5	38.1	46.3	57.5	56.4	90.5	85.9
3	28	8	183	16	37.4	37.1	45.1	55.7	51.3	93.5	86.8
3	28	8	183	20	36.4	35.8	43.2	56.5	55.6	91.3	84.3
3	29	8	184	0	35.5	34.7	44.4	57.7	57.5	89.5	84.3
3	29	8	184	4	36.5	35.8	44.3	57.1	55.0	91.2	85.3
3	29	8	184	8	35.7	35.3	44.4	55.7	54.5	89.2	83.4
3	29	8	184	12	36.1	35.6	44.3	57.7	55.1	90.0	84.5
3	29	8	184	16	37.0	36.5	44.4	56.1	51.5	92.2	85.6
3	29	8	184	20	37.2	36.7	44.5	57.1	56.5	91.5	85.7
3	30	8	185	0	37.5	36.8	44.5	56.2	52.2	92.8	84.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
3	30	8	195	4	36.7	36.3	44.4	56.8	54.9	85.5	83.0
3	30	8	195	8	35.0	35.4	44.1	59.3	56.1	89.0	81.5
3	30	8	195	12	36.2	35.7	43.9	57.9	55.1	89.0	83.2
3	30	8	195	16	37.6	37.2	44.1	56.4	54.3	90.7	84.7
3	30	8	195	20	40.2	36.8	44.6	56.3	55.0	91.2	85.3
3	31	8	196	0	41.9	41.6	45.0	54.5	52.7	91.0	85.3
3	31	8	196	4	43.7	43.4	45.4	55.7	51.7	91.4	86.0
3	31	8	196	8	42.1	41.7	45.4	64.6	68.7	70.2	65.5
3	31	8	196	12	44.2	45.3	54.2	62.5	63.3	70.3	66.4
3	31	8	196	16	47.8	47.4	51.5	56.3	53.7	84.5	78.3
3	31	8	196	20	47.5	47.2	51.9	54.7	50.6	83.9	77.8
4	1	8	197	0	41.9	41.6	45.0	56.5	52.7	91.0	85.3
4	1	8	197	4	43.7	43.4	45.4	55.7	51.7	91.4	86.0
4	1	8	197	8	42.1	41.7	45.4	64.6	68.7	70.2	65.5
4	1	8	197	12	44.2	45.3	54.2	62.5	63.3	70.3	66.4
4	1	8	197	16	47.8	47.4	51.5	56.3	53.7	84.5	78.3
4	1	8	197	20	47.5	47.2	51.9	54.7	50.6	83.9	77.8
4	2	8	198	0	45.3	45.0	50.3	59.5	59.2	89.5	81.1
4	2	8	198	4	46.3	46.0	51.2	64.5	68.5	89.1	82.6
4	2	8	198	8	46.5	46.3	51.0	63.4	66.7	88.4	81.5
4	2	8	198	12	48.4	48.5	53.5	58.9	55.3	89.3	80.1
4	2	8	198	16	49.4	49.2	53.4	58.1	54.5	86.1	79.9
4	2	8	198	20	48.3	48.1	53.3	58.8	54.5	86.1	79.6
4	3	8	199	0	47.6	47.1	53.3	51.6	54.7	83.5	79.5
4	3	8	199	4	48.6	48.1	53.2	58.2	57.3	85.7	79.2
4	3	8	199	8	48.7	48.1	53.2	57.0	51.6	86.5	80.6
4	3	8	199	12	48.4	48.1	53.7	58.8	55.8	87.0	82.2
4	3	8	199	16	47.1	47.4	53.4	58.1	54.7	87.9	83.6
4	3	8	199	20	47.8	47.3	53.3	56.7	52.0	89.5	87.5
4	4	8	200	0	48.4	47.8	53.4	57.4	54.2	87.8	91.1
4	4	8	200	4	50.2	48.4	53.8	57.6	58.1	87.3	81.6
4	4	8	200	8	54.1	48.6	53.4	58.2	54.1	87.3	82.1
4	4	8	200	12	42.8	43.7	53.7	57.8	57.2	87.9	84.3
4	4	8	200	16	44.4	42.7	53.0	57.4	53.5	87.2	82.7
4	4	8	200	20	43.3	43.1	54.3	58.1	54.6	85.5	81.5
4	5	8	201	0	42.1	43.1	54.3	57.3	53.2	85.3	80.5
4	5	8	201	4	53.6	43.2	54.3	58.1	54.1	85.3	79.6
4	5	8	201	8	47.0	41.9	54.4	58.0	54.8	86.7	83.4
4	5	8	201	12	46.4	46.4	54.7	61.6	62.2	71.6	67.2
4	5	8	201	16	50.7	48.4	53.8	61.1	58.1	82.1	79.4
4	5	8	201	20	47.5	46.3	54.4	57.4	53.4	91.3	81.3
4	6	8	202	4	48.7	48.1	54.5	58.7	54.5	85.6	78.5
4	6	8	202	8	50.5	48.2	54.4	58.1	53.8	84.9	79.5
4	6	8	202	12	48.1	47.7	54.3	57.6	53.8	85.5	80.2
4	6	8	202	16	50.1	47.7	53.4	57.4	54.8	87.2	81.0
4	6	8	202	20	48.6	46.5	54.0	57.5	54.8	84.1	81.7
4	7	8	203	0	48.4	47.7	54.4	57.3	53.3	86.7	81.0
4	7	8	203	4	50.5	47.7	54.1	57.4	54.2	86.2	80.6
4	7	8	203	8	51.6	47.7	54.4	58.5	57.5	86.2	81.5
4	7	8	203	12	54.0	47.7	54.2	57.5	55.6	86.1	81.3
4	7	8	203	16	48.7	48.3	54.2	58.9	51.4	87.3	84.3
4	7	8	203	20	48.6	48.5	54.3	59.3	56.5	87.3	84.4
4	8	8	204	0	48.6	48.5	54.1	56.2	52.8	87.0	84.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
4	14	8	200	0	56.2	56.0	54.3	56.0	52.8	89.8	83.9
4	14	8	200	3	56.3	56.0	54.0	56.4	52.2	89.0	83.6
4	14	8	200	8	55.8	55.6	54.2	56.1	52.8	90.0	83.8
4	14	8	200	11	55.5	55.2	54.1	56.8	54.4	91.3	85.3
4	14	8	200	15	56.0	55.7	54.6	55.8	51.8	91.9	86.1
4	14	8	200	20	56.5	56.2	54.1	54.0	52.0	91.4	84.7
4	15	8	201	0	57.3	56.0	53.7	57.5	56.4	87.9	82.6
4	15	8	201	4	57.1	56.4	54.1	57.6	54.0	86.9	81.2
4	15	8	201	8	57.7	57.5	53.8	58.5	56.5	85.9	80.1
4	15	8	201	12	53.6	53.4	53.0	58.4	57.1	85.8	79.8
4	15	8	201	15	52.9	52.5	54.6	58.2	57.2	86.5	80.7
4	15	8	201	19	53.3	53.0	53.9	58.7	55.3	85.8	79.3
4	16	8	202	0	50.2	49.8	52.4	58.7	55.2	84.3	77.8
4	16	8	202	3	49.7	49.3	52.3	58.0	56.8	85.8	80.7
4	16	8	202	10	51.5	51.3	52.1	51.1	42.9	80.6	76.5
4	16	8	202	12	51.5	51.2	52.0	59.5	56.0	86.2	80.0
4	16	8	202	16	50.3	49.8	52.0	58.3	54.2	87.5	81.8
4	16	8	202	20	49.7	49.3	52.1	57.0	52.6	89.8	82.5
4	17	8	203	0	49.5	49.0	51.3	57.9	53.8	86.2	79.6
4	17	8	203	11	50.0	49.6	52.4	56.7	53.6	86.9	81.8
4	17	8	203	12	50.7	50.5	52.4	57.2	53.0	88.0	82.3
4	17	8	203	16	50.5	50.2	52.2	56.1	56.4	91.4	83.5
4	17	8	203	19	50.3	50.4	52.2	57.0	56.7	91.3	84.0
4	17	8	203	20	50.1	50.2	52.1	55.8	53.1	88.7	82.7
4	18	8	204	0	54.7	52.1	52.4	56.3	54.0	87.1	81.3
4	18	8	204	4	57.6	57.3	52.5	56.4	54.9	87.5	82.5
4	18	8	204	8	57.7	57.3	52.3	55.8	51.3	88.8	83.4
4	18	8	204	12	58.5	57.6	52.9	55.6	52.3	91.3	84.4
4	18	8	204	15	57.5	57.3	52.5	55.8	51.9	91.7	84.9
4	18	8	204	19	57.5	57.4	52.5	55.7	50.8	91.3	85.9
4	19	8	205	0	57.5	57.3	52.8	55.6	51.3	90.4	84.7
4	19	8	205	4	57.6	57.2	52.5	54.3	53.0	88.2	82.5
4	19	8	205	8	58.0	57.8	52.8	53.5	54.8	86.6	80.8
4	19	8	205	12	58.4	58.2	54.1	55.4	52.6	91.2	84.0
4	19	8	205	16	57.1	56.4	54.2	55.1	52.2	91.0	86.4
4	19	8	205	21	57.5	57.1	53.3	54.9	50.8	92.5	85.7
4	20	8	206	0	57.9	57.3	52.7	54.8	53.3	90.3	85.0
4	20	8	206	3	58.1	57.8	52.3	54.3	50.6	90.2	84.3
4	20	8	206	8	57.5	57.4	52.1	55.8	54.7	91.0	84.0
4	20	8	206	12	57.6	57.3	51.5	55.1	51.2	93.1	85.4
4	20	8	206	16	57.4	57.3	51.3	54.2	49.7	92.5	86.3
4	20	8	206	20	57.3	56.6	51.3	54.6	51.2	91.4	85.6
4	21	8	207	0	57.7	57.3	51.2	55.0	53.6	90.1	84.7
4	21	8	207	4	57.6	57.3	51.1	54.3	52.6	89.2	83.1
4	21	8	207	8	57.5	57.3	51.7	55.8	55.0	88.6	82.8
4	21	8	207	11	57.2	56.1	50.9	55.2	54.0	90.0	83.8
4	21	8	207	15	57.2	57.2	50.6	54.8	51.5	90.5	84.6
4	21	8	207	21	57.4	56.4	51.3	56.1	54.2	89.0	83.5
4	22	8	208	0	57.6	57.3	50.3	56.2	54.6	89.0	83.2
4	22	8	208	3	57.7	51.5	51.1	55.5	51.2	88.2	82.4
4	22	8	208	8	57.1	51.8	51.1	55.5	51.7	91.2	84.7
4	22	8	208	12	57.3	52.0	51.4	55.6	51.8	89.4	84.2
4	22	8	208	13	56.8	51.3	52.3	58.1	58.5	86.7	81.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
4	22	8	208	22	59.7	56.6	55.7	57.8	55.4	88.3	82.9
4	23	8	209	2	59.2	56.3	55.4	57.7	55.2	86.3	82.0
4	23	8	209	3	58.6	56.5	55.6	58.8	57.8	85.6	81.8
4	23	8	209	6	59.2	56.9	56.1	59.6	57.2	84.0	79.3
4	23	8	209	13	59.8	55.6	55.4	62.8	61.0	92.9	78.8
4	23	8	209	15	59.6	57.2	56.3	60.8	59.7	85.5	81.3
4	24	8	210	22	59.3	57.0	56.5	59.6	59.0	85.0	79.5
4	24	8	210	0	59.0	56.5	56.5	59.2	55.9	85.1	79.0
4	24	8	210	5	58.2	57.3	56.7	58.5	55.0	87.4	82.7
4	24	8	210	9	59.1	57.1	56.6	58.3	57.5	87.0	82.0
4	24	8	210	12	55.7	55.7	56.3	60.4	59.5	84.2	79.6
4	24	8	210	16	59.5	56.1	56.4	59.7	59.4	88.1	82.0
4	24	8	210	20	58.7	56.3	56.4	58.9	57.1	87.3	79.9
4	25	8	211	0	59.5	56.4	56.7	60.0	57.0	84.1	75.9
4	25	8	211	4	60.7	56.7	57.1	61.1	58.7	81.2	72.2
4	25	8	211	7	61.8	56.0	56.9	61.8	62.8	80.6	71.4
4	25	8	211	11	60.1	56.2	55.9	58.7	56.9	82.9	78.0
4	25	8	211	13	59.9	57.7	56.1	58.1	56.4	84.8	79.0
4	25	8	211	15	59.3	57.7	56.6	59.1	56.3	84.1	79.9
4	25	8	212	5	59.0	56.0	56.3	57.4	56.0	82.6	79.8
4	25	8	212	8	58.5	57.4	56.2	57.6	56.5	82.8	78.7
4	25	8	212	12	61.3	57.3	56.3	59.1	58.4	82.3	77.8
4	26	8	212	15	60.6	59.8	58.4	59.2	56.7	83.6	83.6
4	26	8	212	18	58.3	58.0	58.2	56.3	56.8	87.4	80.4
4	26	8	212	22	59.2	58.5	58.0	56.6	58.8	85.8	79.8
4	27	8	213	0	58.3	58.7	58.1	57.2	56.0	83.5	79.3
4	27	8	213	3	58.7	57.4	57.9	56.3	53.9	86.0	79.2
5	3	8	218	22	58.2	58.0	58.3	54.7	50.4	89.7	83.3
5	4	8	219	23	58.2	56.6	58.5	54.9	50.7	89.0	83.2
5	4	8	220	0	58.2	56.0	58.5	54.9	50.7	88.9	83.1
5	4	8	220	3	60.9	57.5	56.3	55.5	54.5	88.4	82.7
5	4	8	220	6	60.4	58.1	58.1	56.0	53.5	87.9	81.8
5	4	8	220	13	57.4	55.8	54.8	54.1	49.6	91.7	86.5
5	4	8	220	16	60.3	55.9	54.2	54.4	52.6	93.7	86.1
5	4	8	220	20	62.1	56.7	55.5	54.1	49.9	90.7	85.8
5	5	8	221	0	62.2	56.8	56.7	55.0	53.5	91.1	85.5
5	5	8	221	4	61.1	56.2	55.9	55.0	53.5	91.2	85.4
5	5	8	221	8	60.1	57.1	55.8	55.0	51.7	91.5	85.3
5	5	8	221	11	59.8	57.3	55.8	54.7	51.3	90.6	86.1
5	5	8	221	14	59.2	57.5	56.0	54.5	50.9	91.2	86.5
5	5	8	221	23	61.5	58.2	56.5	55.9	55.0	87.5	82.2
5	6	8	222	0	62.5	57.6	57.1	56.8	52.8	89.3	84.6
5	6	8	222	14	61.8	57.3	56.0	56.6	52.6	87.3	85.0
5	6	8	222	16	61.5	57.3	56.0	56.7	53.4	93.1	86.4
5	6	8	222	18	61.3	57.5	56.6	56.8	54.6	93.4	86.5
5	6	8	222	20	61.5	57.3	56.2	55.5	51.2	94.5	86.4
5	7	8	223	22	61.6	57.3	56.5	55.7	51.5	93.0	86.1
5	7	8	223	0	62.5	57.0	56.3	56.6	55.8	91.9	85.5
5	7	8	223	4	61.9	57.7	57.2	57.0	53.2	89.4	82.5
5	7	8	223	7	62.2	57.6	57.5	57.5	53.5	88.2	81.5
5	7	8	223	12	63.1	58.5	57.3	57.7	53.8	89.6	82.2
5	7	8	223	16	62.5	58.4	58.4	58.5	56.5	85.6	82.9
5	7	8	223	20	61.1	58.5	58.3	58.3	52.1	90.8	84.1

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
5	8	8	224	0	61.3	67.5	65.2	57.0	53.2	89.5	83.2
5	8	8	224	4	61.4	67.5	65.3	56.8	55.0	88.0	82.8
5	8	8	224	8	62.3	66.1	65.3	57.0	55.0	89.5	81.4
5	8	8	224	12	61.4	67.5	63.6	57.2	57.0	90.6	84.1
5	8	8	224	16	62.0	67.5	63.5	56.2	52.3	92.5	85.9
5	8	8	224	20	62.5	62.6	63.1	56.3	55.5	90.8	84.5
5	9	8	225	0	62.1	63.4	63.3	56.6	52.5	89.8	83.0
5	9	8	225	4	62.4	63.5	63.5	57.6	56.9	87.4	82.9
5	9	8	225	8	62.5	63.5	63.4	56.9	54.9	87.7	82.8
5	9	8	225	12	62.2	63.8	63.5	56.6	55.4	88.6	83.6
5	9	8	225	16	62.3	63.2	63.4	57.3	56.5	87.1	84.6
5	9	8	225	20	62.3	64.0	63.5	56.6	54.2	84.2	82.7
5	10	8	226	0	61.3	66.7	63.7	55.6	51.4	91.3	85.6
5	10	8	226	4	61.2	64.4	63.7	55.7	53.6	90.5	85.2
5	10	8	226	4	61.6	64.6	63.3	56.5	53.6	89.7	84.4
5	10	8	226	8	61.7	64.6	63.2	56.8	55.5	89.3	84.1
5	10	8	226	8	61.6	63.0	63.5	56.4	55.5	89.2	84.0
5	10	8	226	12	62.1	63.6	63.4	57.7	55.5	89.2	84.0
5	11	8	227	0	62.4	63.5	63.4	57.2	53.6	87.6	81.2
5	11	8	227	4	62.2	64.2	63.4	55.6	51.8	92.0	86.4
5	11	8	227	8	61.3	64.5	63.5	55.5	51.7	95.3	87.0
5	11	8	227	12	61.5	64.4	63.5	55.2	50.9	90.9	85.8
5	11	8	227	16	61.7	64.5	63.7	56.1	52.2	89.9	84.5
5	11	8	227	20	61.6	64.5	63.2	56.9	53.2	89.7	83.6
5	12	8	228	0	62.3	64.4	63.8	57.3	56.7	83.5	83.6
5	12	8	228	4	61.4	64.4	63.8	56.0	51.7	90.1	84.3
5	12	8	228	8	62.5	64.2	63.5	58.1	57.8	83.1	82.3
5	12	8	228	12	63.0	64.1	63.2	58.2	54.7	86.7	80.6
5	12	8	228	16	62.2	63.8	63.3	58.3	56.5	84.0	79.5
5	12	8	228	20	62.2	64.2	63.8	58.2	56.2	85.1	79.3
5	13	8	229	0	62.4	65.1	63.8	58.2	54.8	87.2	80.9
5	13	8	229	4	62.4	64.5	64.2	58.0	55.2	84.9	82.6
5	13	8	229	8	62.2	64.5	64.2	57.3	53.1	89.5	81.5
5	13	8	229	12	62.4	64.2	64.2	58.0	53.0	87.8	81.2
5	13	8	229	16	62.7	64.7	64.2	57.5	56.3	83.1	77.0
5	13	8	229	20	62.3	63.5	64.0	61.5	60.1	81.7	76.6
5	14	8	230	0	62.3	63.3	64.2	63.1	64.2	75.2	68.4
5	14	8	230	4	63.6	63.4	63.7	61.8	61.0	77.5	74.2
5	14	8	230	8	61.7	63.8	63.4	58.2	58.9	86.8	80.0
5	14	8	230	12	60.9	63.3	63.2	59.5	54.6	84.6	79.8
5	14	8	230	16	61.8	63.3	63.5	63.0	57.9	84.2	79.1
5	14	8	230	20	62.2	63.2	63.5	59.9	57.0	83.7	79.4
5	15	8	231	0	61.5	63.3	63.5	58.3	58.3	86.7	79.4
5	15	8	231	4	61.7	63.9	63.4	57.4	58.3	83.9	82.4
5	15	8	231	8	62.3	63.4	63.5	56.8	58.6	88.6	82.7
5	15	8	231	12	62.3	63.9	63.5	56.9	58.5	89.2	83.0
5	15	8	231	16	62.2	63.5	63.5	57.7	56.2	89.0	82.9
5	15	8	231	20	62.3	63.8	63.3	58.0	56.2	87.1	81.8
5	16	8	232	0	62.7	63.5	63.3	57.4	58.7	91.3	83.0
5	16	8	232	4	63.5	63.6	63.4	57.6	56.3	90.0	83.3
5	16	8	232	8	62.3	63.7	63.4	56.8	58.8	88.8	83.7
5	16	8	232	12	62.3	63.6	63.3	58.2	57.7	87.7	82.8
5	16	8	232	16	62.5	63.7	63.4	57.9	58.7	87.5	82.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
5	17	8	223	9	61.8	62.1	63.2	59.0	56.5	87.3	81.5
5	17	8	233	11	62.6	62.6	63.1	55.7	58.3	87.7	82.0
5	17	8	233	13	61.7	62.7	62.9	57.7	56.7	91.3	83.6
5	17	8	233	15	61.6	63.5	63.2	56.5	52.5	93.0	85.5
5	17	8	233	17	61.3	64.3	63.3	57.7	54.2	91.6	85.4
5	17	8	233	20	61.0	64.0	63.5	57.2	54.3	91.3	85.3
5	18	8	234	0	61.7	64.2	63.6	57.9	57.1	91.1	85.2
5	18	8	234	3	61.7	64.3	63.7	59.2	54.4	91.2	85.1
5	18	8	234	6	61.5	63.8	63.6	58.0	56.1	89.1	85.2
5	18	8	234	8	61.6	63.7	63.1	59.2	54.7	89.0	84.7
5	18	8	234	12	62.4	64.5	63.5	58.6	54.5	90.8	83.6
5	18	8	234	14	62.4	63.6	63.6	58.4	54.1	90.9	84.1
5	20	8	234	0	61.3	62.6	63.2	62.7	64.0	81.5	76.4
5	20	8	234	11	59.1	62.5	63.2	61.5	59.8	81.1	75.7
5	20	8	234	13	60.7	62.1	62.7	61.8	62.4	81.4	75.2
5	20	8	234	15	60.1	62.3	62.6	62.2	62.5	81.7	75.5
5	20	8	234	17	60.7	62.4	62.6	61.3	59.8	81.8	75.7
5	20	8	234	20	60.1	62.0	62.4	61.4	57.0	82.1	77.8
5	21	8	234	0	60.1	62.5	62.5	62.1	62.5	82.8	77.7
5	21	8	234	3	60.2	62.6	62.5	62.1	62.7	80.0	75.4
5	21	8	234	6	59.5	63.1	62.8	62.5	63.3	81.3	75.2
5	21	8	234	12	63.0	64.0	63.5	59.8	57.9	85.4	80.5
5	21	8	234	14	63.2	63.4	63.6	58.3	57.9	87.6	82.1
5	21	8	234	20	61.2	63.1	63.3	59.5	54.3	91.1	82.6
5	22	8	234	0	63.1	63.7	63.7	59.7	54.1	87.5	82.4
5	22	8	234	6	63.1	63.6	63.5	59.4	54.3	87.5	81.8
5	22	8	234	8	63.2	63.7	63.6	60.1	55.5	87.5	82.1
5	22	8	234	12	63.6	64.1	63.3	58.9	54.2	87.3	82.3
5	22	8	234	14	63.7	64.1	63.7	59.2	54.5	93.1	84.8
5	22	8	234	20	63.6	64.5	63.8	57.5	53.5	89.3	83.1
5	23	8	234	0	63.6	63.9	63.4	59.1	56.3	91.2	85.0
5	23	8	234	3	63.7	63.7	63.6	57.7	57.1	91.7	84.1
5	23	8	234	6	63.6	64.1	63.9	57.9	54.9	89.2	83.8
5	23	8	234	8	63.6	64.1	63.7	57.1	52.7	88.4	83.5
5	23	8	234	12	63.7	64.3	63.1	57.4	51.2	87.0	83.2
5	23	8	234	14	63.7	64.1	63.1	57.5	56.7	88.8	83.1
5	24	8	240	0	62.7	64.1	63.2	59.3	57.7	88.2	83.5
5	24	8	240	6	62.7	64.1	63.2	57.4	56.1	87.2	83.9
5	24	8	240	8	62.7	64.2	63.1	59.0	54.2	89.9	82.5
5	24	8	240	12	65.8	63.7	63.2	54.1	58.5	87.4	81.1
5	24	8	240	14	65.8	63.5	63.3	59.1	59.2	86.1	81.7
5	24	8	240	20	65.0	63.5	63.1	60.0	55.8	87.2	80.1
5	25	8	241	0	64.7	63.4	63.2	58.3	58.0	89.8	79.6
5	25	8	241	4	63.7	62.6	61.4	59.5	54.4	87.0	81.8
5	25	8	241	6	63.6	63.5	61.8	59.3	54.7	87.0	82.3
5	25	8	241	12	61.8	61.7	61.7	58.0	56.7	89.3	84.0
5	27	8	243	12	64.8	63.0	61.2	59.5	58.8	86.6	82.1
5	27	8	243	16	66.5	63.6	62.3	59.9	59.1	87.0	81.4
5	27	8	243	20	64.1	64.0	62.8	55.9	54.3	87.0	82.0
5	28	8	244	0	64.1	63.3	62.5	55.6	61.5	85.0	81.0
5	28	8	244	4	64.1	63.0	62.7	56.4	53.8	85.3	81.7
5	28	8	244	8	64.1	63.0	62.7	56.6	55.1	84.9	81.5
5	28	8	244	12	66.4	63.5	62.4	57.2	52.1	85.9	79.7

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
5	28	8	244	16	57.7	63.0	62.0	54.0	51.0	85.7	79.8
5	28	8	244	18	56.0	63.1	61.8	54.8	53.4	85.2	79.9
5	29	8	245	0	55.4	63.1	61.7	54.3	50.1	84.8	81.2
5	29	8	245	4	55.4	63.1	61.5	54.0	51.0	85.9	81.1
5	29	8	245	8	55.3	63.2	61.5	54.1	50.3	86.2	81.3
5	29	8	245	9	55.7	63.1	61.4	53.6	49.2	86.0	81.4
5	29	8	245	12	55.5	63.1	61.4	53.8	52.4	87.2	91.5
5	29	8	245	23	55.2	63.1	61.4	53.5	51.4	86.9	91.8
5	30	8	246	0	54.2	63.0	61.4	53.4	51.1	87.2	81.1
6	1	8	250	0	59.1	65.1	63.1	56.4	53.5	85.6	82.3
6	1	8	250	15	69.8	77.0	70.0	59.3	56.4	87.0	81.2
6	1	8	250	16	72.7	77.1	71.1	59.7	57.3	87.4	82.1
6	1	8	250	18	71.4	76.4	71.1	59.8	59.2	87.5	83.0
6	1	8	250	20	69.3	76.3	71.1	60.5	55.5	87.3	83.7
6	1	8	250	23	68.6	77.2	71.2	59.1	57.8	85.7	82.5
6	2	8	251	0	68.1	77.4	71.5	61.2	59.0	86.2	82.3
6	2	8	251	4	69.7	76.4	72.0	60.9	59.5	85.0	81.2
6	2	8	251	8	69.0	76.2	72.2	61.3	60.5	85.4	81.1
6	2	8	251	12	69.2	77.0	72.5	59.3	56.2	87.8	84.2
6	2	8	251	16	69.4	77.3	72.7	58.1	57.3	90.0	85.2
6	2	8	251	20	68.2	77.2	72.3	58.7	56.6	87.5	84.3
6	3	8	252	0	68.2	77.3	73.	59.2	54.6	88.7	84.1
6	3	8	252	4	68.7	77.1	73.3	59.3	59.4	87.2	82.9
6	3	8	252	8	67.4	77.4	73.4	60.0	61.2	87.5	83.2
6	3	8	252	12	67.8	77.3	73.4	55.2	51.2	87.3	85.0
6	3	8	252	16	68.0	72.2	70.2	54.7	50.4	93.1	87.6
6	3	8	252	20	66.4	73.2	69.5	54.2	49.8	93.0	88.0
6	4	8	253	0	67.4	71.4	69.4	55.2	51.0	91.1	85.8
6	4	8	253	4	69.5	71.4	69.2	55.8	53.6	83.5	84.4
6	4	8	253	20	68.1	74.2	70.5	55.9	52.2	96.1	90.8
6	5	8	254	0	67.2	75.2	71.2	56.7	53.1	94.1	89.1
6	5	8	254	4	67.8	75.2	71.	57.5	53.9	91.2	85.0
6	5	8	254	8	71.5	75.1	72.1	59.8	55.3	92.0	84.8
6	5	8	254	12	67.3	74.3	71.6	59.1	51.0	94.4	84.1
6	5	8	254	16	68.3	75.2	71.3	55.2	50.7	97.1	92.2
6	5	8	254	20	67.1	74.8	71.3	54.7	50.5	96.4	91.2
6	6	8	255	0	67.7	72.6	71.3	55.4	51.4	94.6	88.8
6	6	8	255	4	68.3	73.1	71.4	55.5	51.3	91.6	87.4
6	6	8	255	8	69.3	73.1	71.5	55.3	53.2	91.5	85.0
6	6	8	255	12	68.2	74.3	71.4	56.1	51.7	94.0	89.9
6	6	8	255	16	69.8	74.3	71.5	55.3	51.3	96.2	91.7
6	6	8	255	20	69.7	74.1	71.4	57.1	52.0	95.9	91.6
6	7	8	256	0	69.1	73.6	71.3	56.9	52.8	94.2	89.7
6	7	8	256	4	68.1	73.4	71.6	57.5	53.4	92.4	87.3
6	7	8	256	8	68.5	73.4	71.5	58.1	56.2	91.9	87.4
6	7	8	256	12	69.3	74.1	71.4	62.1	61.2	93.9	89.3
6	7	8	256	16	73.5	76.3	72.3	64.5	63.3	96.8	91.5
6	7	8	256	18	72.5	74.1	71.3	65.1	64.0	96.7	91.1
6	12	8	257	12	65.3	74.3	71.3	63.3	57.1	94.3	91.5
6	12	8	257	16	68.5	72.1	71.3	67.4	65.6	87.7	83.7
6	12	8	257	20	64.5	72.5	71.1	67.3	65.5	89.5	84.3
6	11	8	258	0	68.4	73.3	71.1	65.9	64.1	86.7	81.0
6	11	8	258	4	69.1	72.7	71.1	64.9	63.3	85.3	79.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO.	HR	T1	T2	T3	T10	T11	T12	T13
6	11	8	253		8	64.6	72.5	71.0	64.6	63.0	84.3	79.0
6	11	8	253		12	69.0	72.6	71.1	63.9	62.4	84.3	79.2
6	11	8	253		16	66.6	73.1	72.0	65.0	63.7	89.8	83.3
6	11	8	253		20	66.7	73.3	71.3	66.5	65.2	90.0	85.7
6	12	8	254		0	69.1	73.7	71.4	67.0	65.5	89.5	82.7
6	12	8	254		4	69.2	73.8	71.5	67.2	65.8	83.5	83.7
6	12	8	254		8	68.9	73.9	71.5	67.0	66.5	91.1	87.1
6	12	8	254		12	65.7	73.8	71.3	63.3	66.9	91.4	85.9
6	12	8	254		16	68.3	73.9	71.2	70.8	73.7	91.3	86.2
6	12	8	254		20	65.4	73.7	71.1	60.9	57.1	89.6	84.4
6	13	8	255		0	66.9	73.3	71.	61.3	59.5	89.5	82.8
6	13	8	255		4	67.2	73.2	71.1	61.1	59.3	89.8	82.5
6	13	8	255		8	66.1	73.2	71.0	61.8	61.5	89.4	83.3
6	13	8	255		12	66.1	73.4	71.2	62.1	61.7	86.4	81.4
6	13	8	255		16	75.2	73.	71.2	61.1	57.7	87.4	77.9
6	13	8	255		20	67.4	73.2	71.3	59.5	56.5	89.3	83.2
6	14	8	256		0	67.1	73.1	71.2	59.8	58.1	87.9	82.5
6	14	8	256		4	66.1	72.9	71.1	59.2	57.6	87.6	81.3
6	14	8	256		8	68.4	73.	71.2	59.0	56.0	87.4	81.8
6	14	8	256		12	69.3	73.3	71.3	57.6	53.5	86.6	80.8
6	14	8	256		16	69.	73.	71.3	57.7	53.2	88.3	83.4
6	14	8	256		20	65.6	73.2	71.2	57.7	53.6	87.7	83.7
6	15	8	257			68.2	73.4	71.2	57.3	54.6	90.2	84.8
6	15	8	257		4	66.7	73.5	71.2	55.3	54.0	91.2	85.3
6	15	8	257		8	68.0	73.5	71.2	55.3	54.6	89.9	85.4
6	15	8	257		12	68.0	73.3	71.1	55.8	52.8	89.5	87.9
6	15	8	257		16	68.3	73.4	71.	55.4	54.2	91.2	84.1
6	15	8	257		20	68.3	73.8	71.	55.4	54.3	91.5	87.2
6	16	8	258			68.6	73.8	71.	54.3	51.3	89.1	84.2
6	16	8	258		4	68.0	73.8	71.	54.0	50.9	88.9	84.2
6	16	8	258		8	68.1	73.6	71.1	54.6	51.6	87.2	87.7
6	16	8	258		12	68.1	73.7	71.1	54.4	51.3	87.3	87.3
6	16	8	258		16	68.5	73.7	71.1	54.9	52.1	92.1	86.9
6	16	8	258		20	65.9	74.	71.1	54.1	51.2	94.1	89.5
6	17	8	259			68.2	74.2	71.2	54.2	51.4	95.	86.4
6	17	8	259		4	67.5	74.1	71.2	54.7	51.7	92.2	87.5
6	17	8	259		8	67.5	74.3	71.3	54.4	51.3	92.3	86.5
6	17	8	259		12	67.4	74.5	71.4	55.5	53.5	91.8	84.3
6	17	8	259		16	68.1	73.9	71.5	55.3	52.4	91.2	84.0
6	17	8	259		20	66.3	74.2	71.3	57.5	56.4	89.5	82.8
6	18	8	260			69.5	74.	74.7	57.8	57.2	87.8	81.8
6	18	8	260		4	68.7	74.8	75.5	57.5	56.4	87.4	81.0
6	18	8	260		8	69.5	74.4	74.2	53.4	51.3	89.4	81.8
6	18	8	260		12	68.8	74.3	73.	61.2	60.5	81.4	77.6
6	18	8	260		16	65.4	74.3	73.5	59.4	58.3	86.8	81.8
6	18	8	260		20	64.7	74.	73.2	57.5	54.4	89.8	83.2
6	19	8	261			64.	73.8	73.4	57.3	55.1	89.8	83.5
6	19	8	261		4	66.7	73.3	73.4	57.7	53.8	89.7	82.2
6	19	8	261		8	64.8	73.1	73.4	57.2	54.2	89.5	82.6
6	19	8	261		12	63.6	74.2	73.4	57.2	54.0	91.2	85.4
6	19	8	261		16	65.	74.3	73.5	57.2	55.0	92.8	86.5
6	19	8	261		20	67.1	73.8	73.5	56.5	53.5	93.2	87.1
6	20	8	262			67.3	73.8	73.3	57.3	56.1	91.5	85.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
6	20	8	267	4	64.1	70.6	69.1	57.3	55.6	91.3	84.0
6	20	8	267	8	62.6	71.3	69.8	57.6	55.2	89.1	82.8
6	20	8	267	12	71.3	71.8	69.9	59.2	57.0	89.8	84.3
6	20	8	267	16	69.5	73.2	70.7	57.3	53.9	91.5	85.6
6	20	8	267	20	69.9	73.4	71.3	57.7	58.1	91.4	84.8
6	21	8	268	0	70.3	73.4	71.5	59.2	55.3	89.3	82.8
6	21	8	268	4	72.7	73.6	71.5	58.5	56.8	87.0	81.1
6	21	8	268	8	73.1	73.8	71.6	59.4	56.8	85.2	79.6
6	21	8	268	12	70.3	73.2	71.4	59.2	58.0	89.8	83.1
6	21	8	268	16	69.5	73.4	71.6	57.5	54.1	91.0	85.1
6	21	8	268	20	69.3	73.4	71.6	57.3	53.9	90.9	85.2
6	24	8	271	12	64.1	74.5	71.9	57.7	53.9	93.8	89.5
6	24	8	271	16	64.1	74.5	71.9	58.0	54.2	95.1	90.3
6	24	8	271	20	64.7	74.7	71.9	58.8	55.4	96.5	91.8
6	25	8	272	0	64.7	74.9	71.7	58.7	55.3	96.7	91.5
6	25	8	272	4	63.5	74.6	71.1	58.4	55.5	96.3	91.7
6	25	8	272	8	66.2	74.5	71.7	58.8	55.3	95.2	89.8
6	25	8	272	12	66.3	74.3	71.3	58.4	54.9	94.4	89.6
6	25	8	272	16	66.2	76.3	71.3	58.4	55.3	97.5	93.1
6	25	8	272	20	63.5	75.2	71.1	58.6	56.2	100.0	94.5
6	26	8	273	0	63.8	76.0	71.3	61.1	58.7	99.8	94.3
6	26	8	273	4	64.2	75.7	71.1	61.4	58.9	99.0	93.8
6	26	8	273	8	66.4	76.7	71.1	60.3	58.7	98.0	91.9
6	26	8	273	12	66.1	76.1	71.1	61.8	57.1	97.5	94.3
6	26	8	273	16	63.2	75.5	71.3	61.1	57.4	101.5	95.0
6	26	8	273	20	65.1	76.1	71.4	60.7	58.3	97.1	92.0
6	27	8	274	0	66.7	74.4	71.4	57.3	53.7	94.5	90.1
6	27	8	274	4	.	74.1	71.4	59.1	57.3	91.6	87.8
6	27	8	274	8	.	73.1	71.3	60.5	57.4	91.1	83.4
6	27	8	274	12	.	73.4	71.3	58.3	57.3	90.3	84.7
6	27	8	274	16	66.1	73.1	71.3	58.3	55.1	88.7	83.7
6	27	8	274	20	.	72.4	71.3	61.5	58.6	87.1	80.9
6	28	8	275	0	.	73.4	71.3	61.3	57.5	85.0	78.1
6	28	8	275	4	.	73.7	71.3	61.2	58.4	85.6	78.9
6	28	8	275	8	.	73.7	71.1	61.5	58.4	85.7	79.6
6	28	8	275	12	74.	74.2	71.3	57.5	58.4	87.2	81.7
6	28	8	275	16	67.2	74.3	71.3	57.7	56.8	88.5	83.5
7	1	8	277	12	.	76.5	71.4	.	56.7	104.8	97.1
7	1	8	277	16	74.7	76.4	71.1	61.5	57.2	102.7	95.6
7	1	8	277	20	7 .	76.	71.	61.6	57.2	100.2	97.8
7	2	8	278	0	74.1	77.	71.	61.7	57.6	104.4	98.8
7	2	8	278	4	74.1	76.1	71.	61.	57.5	103.5	98.5
7	2	8	278	12	72.7	76.3	71.5	61.8	57.4	102.7	95.4
7	2	8	278	16	72.3	7 .2	71.4	58.1	59.7	104.6	97.2
7	3	8	279	0	71.6	77.3	71.7	61.4	57.6	112.7	95.4
7	3	8	279	4	70.4	78.1	71.6	60.7	58.8	109.1	95.0
7	3	8	279	8	74.6	78.4	71.7	59.6	55.7	101.5	89.8
7	3	8	279	12	74.6	77.8	71.6	59.7	55.	99.8	89.7
7	3	8	279	16	75.2	77.2	71.5	57.3	56.5	95.1	84.9
7	3	8	279	20	73.2	77.4	71.5	58.7	55.4	93.5	84.1
7	4	8	280	0	67.5	78.7	71.7	57.7	57.7	102.1	89.9
7	4	8	280	4	7 .1	78.2	71.1	58.5	57.4	99.7	87.7
7	4	8	281	4	75.5	78.1	71.1	57.5	55.2	97.4	85.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
7	4	8	281	4	85.8	79.1	76.1	57.5	55.2	97.4	85.8
7	4	8	281	8	84.2	79.1	76.0	57.6	54.7	97.9	86.7
7	4	8	281	12	82.6	79.1	75.9	57.7	54.2	98.5	87.5
7	4	8	281	16	82.5	77.9	75.8	59.4	57.0	99.8	87.8
7	4	8	281	20	82.2	78.0	75.7	57.4	53.8	101.1	89.1
7	5	8	282	0	83.3	77.8	75.8	57.9	54.6	96.1	85.6
7	5	8	282	4	84.3	77.7	75.9	59.3	57.0	95.1	84.1
7	5	8	282	8	84.6	77.9	76.0	59.8	56.9	95.8	84.8
7	5	8	282	12	83.1	78.8	76.4	57.9	54.7	100.2	87.9
7	5	8	282	16	81.5	79.3	76.8	56.0	52.4	105.0	91.1
7	5	8	282	20	81.5	79.5	76.7	55.9	52.4	103.9	91.2
7	6	8	283	0	81.5	79.5	76.1	56.0	52.3	102.2	90.3
7	6	8	283	4	82.3	79.1	75.9	56.7	53.2	101.7	89.6
7	6	8	283	8	83.1	77.9	76.0	57.5	54.0	99.1	87.1
7	8	8	285	8	83.6	79.2	77.4	57.8	54.3	89.0	85.1
7	8	8	285	12	79.3	79.0	76.1	57.3	53.7	91.8	87.9
7	8	8	285	16	78.1	79.2	75.9	57.3	53.8	94.8	92.2
7	8	8	285	20	79.4	79.1	75.8	59.1	54.6	95.6	91.6
7	9	8	286	0	80.5	77.9	75.9	57.6	54.0	92.9	89.6
7	9	8	286	4	81.7	77.8	76.0	59.2	54.7	91.8	87.8
7	9	8	286	8	82.1	77.9	76.1	59.5	55.0	89.5	85.6
7	9	8	286	12	80.0	77.7	76.0	59.2	55.7	91.6	89.2
7	9	8	286	16	79.0	77.9	75.8	57.4	53.8	93.3	91.5
7	9	8	286	20	78.6	79.4	76.0	57.5	54.0	95.1	92.0
7	10	8	287	0	81.4	77.8	75.9	59.2	55.5	93.4	89.0
7	10	8	287	4	81.7	77.8	75.9	59.2	54.6	91.2	87.4
7	10	8	287	8	81.5	77.8	75.8	59.3	54.7	91.8	89.0
7	10	8	287	12	80.7	79.3	76.7	59.4	54.7	94.5	90.2
7	10	8	287	16	79.8	79.2	76.7	59.3	54.6	94.1	92.0
7	10	8	287	20	79.3	79.0	75.7	59.2	54.7	94.2	89.8
7	11	8	288	0	80.3	79.0	76.0	59.1	54.7	92.1	87.6
7	11	8	288	4	82.7	77.8	77.4	59.3	57.1	90.9	86.0
7	11	8	288	8	82.3	79.1	76.3	59.7	55.2	91.7	87.2
7	11	8	288	12	81.4	79.2	76.8	59.3	54.5	94.4	90.0
7	11	8	288	16	79.0	79.2	76.7	59.0	55.1	93.5	91.1
7	11	8	288	20	79.7	79.3	76.5	59.1	54.6	94.9	91.7
7	12	8	289	0	81.4	79.3	76.4	59.2	55.8	92.2	89.2
7	12	8	289	4	82.0	78.0	76.4	59.8	55.4	91.5	86.0
7	12	8	289	8	80.2	79.3	76.4	59.3	56.3	91.1	89.0
7	12	8	289	12	79.9	81.1	77.3	59.1	54.3	94.5	91.6
7	12	8	289	16	79.6	81.3	77.6	59.1	54.3	93.1	90.9
7	12	8	289	20	79.6	80.6	77.6	59.2	54.9	95.0	92.3
7	13	8	290	0	79.6	81.2	77.7	57.9	54.3	92.1	89.0
7	13	8	290	4	79.3	79.3	77.6	59.4	54.9	91.8	87.9
7	13	8	290	8	79.6	79.7	77.5	59.4	56.5	91.4	87.8
7	13	8	290	12	78.2	81.2	77.6	57.8	55.3	93.5	91.8
7	13	8	290	16	78.8	81.6	77.6	57.9	54.5	96.3	93.5
7	13	8	290	20	78.7	81.3	77.6	59.2	54.9	95.1	93.3
7	14	8	291	0	78.3	81.5	77.7	59.5	55.2	94.1	91.0
7	14	8	291	4	77.1	80.0	77.8	59.4	55.0	92.5	89.3
7	14	8	291	8	79.3	81.1	77.4	59.2	55.8	92.2	89.6
7	14	8	291	12	78.2	81.2	77.7	59.6	55.2	94.0	91.8
7	14	8	291	16	78.5	81.5	77.6	59.9	55.6	96.1	92.7
7	14	8	291	20	78.7	81.7	77.8	59.3	56.0	96.0	92.6

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
7	15	8	292	0	74.3	81.6	77.9	59.4	56.0	94.2	91.8
7	15	8	292	4	77.2	80.1	77.3	59.1	55.6	93.3	89.8
7	15	8	292	8	74.8	81.2	77.8	59.1	55.6	92.8	90.1
7	15	8	292	12	73.8	79.6	76.7	61.5	56.8	94.8	92.7
7	15	8	292	16	75.1	77.3	76.0	59.4	56.0	93.8	91.8
7	15	8	292	20	73.7	77.9	75.9	59.8	55.5	96.8	92.3
7	16	8	293	0	74.0	77.6	75.8	59.7	55.3	95.6	91.3
7	16	8	293	4	74.6	78.2	75.9	59.7	55.3	96.4	92.2
7	16	8	293	8	75.2	78.8	75.8	59.6	55.4	97.2	93.1
7	16	8	293	12	75.8	79.4	75.8	59.6	55.5	98.0	94.2
7	16	8	293	16	75.3	79.5	75.6	59.2	56.1	101.2	97.1
7	16	8	293	20	75.0	79.6	76.5	59.3	56.3	101.6	95.6
7	17	8	294	0	76.2	79.5	76.6	59.8	56.6	99.4	94.2
7	17	8	294	4	76.9	79.4	76.9	59.4	56.1	99.3	92.9
7	17	8	294	8	76.8	79.5	76.9	59.0	55.7	99.1	93.5
7	17	8	294	12	71.2	79.2	76.7	59.1	56.0	99.8	94.1
7	17	8	294	16	71.1	79.4	76.5	59.6	56.6	99.7	96.1
7	17	8	294	20	71.5	79.1	76.3	59.9	56.7	99.3	95.3
7	18	8	295	0	70.2	78.9	76.1	61.2	57.0	99.5	94.5
7	18	8	295	4	71.1	79.7	76.1	61.1	57.0	99.4	94.3
7	18	8	295	8	70.8	79.8	76.2	60.0	56.7	97.6	93.2
7	19	8	296	0	70.9	79.1	76.4	61.3	60.0	96.8	97.7
7	19	8	296	12	70.6	79.3	76.3	60.3	57.1	99.1	95.3
7	19	8	296	16	70.0	79.5	76.3	60.6	57.5	101.5	96.4
7	22	8	299	12	69.8	79.9	76.3	56.2	53.0	94.8	91.1
7	22	8	299	16	69.3	79.1	75.9	57.0	53.8	96.8	92.9
7	22	8	299	20	69.3	79.0	75.9	57.8	54.6	96.6	92.3
7	23	8	300	0	69.8	78.0	75.9	59.1	54.8	95.3	91.8
7	23	8	300	4	73.3	79.3	76.7	57.4	54.0	94.1	89.3
7	23	8	300	8	70.3	78.9	76.5	57.7	54.3	93.9	89.8
7	23	8	300	12	71.2	79.0	76.7	57.1	53.9	93.8	90.7
7	23	8	300	16	71.2	79.1	76.4	57.5	54.5	94.7	94.5
7	23	8	300	20	69.0	79.1	76.1	59.6	55.4	99.2	94.8
7	24	8	301	0	70.1	78.8	76.1	59.7	56.5	99.4	93.1
7	24	8	301	4	71.6	78.7	76.3	58.5	56.2	97.6	92.1
7	24	8	301	8	69.9	78.8	76.1	59.8	56.5	97.0	92.1
7	24	8	301	12	69.3	79.3	76.0	59.6	56.5	98.9	94.7
7	25	8	302	12	71.0	79.5	76.8	58.9	55.5	89.7	85.8
7	25	8	302	16	71.2	79.1	76.5	57.9	54.5	91.6	86.5
7	25	8	302	20	71.8	79.0	76.3	56.9	53.5	94.7	89.2
7	26	8	303	0	70.1	79.4	76.3	56.3	53.5	93.6	89.8
7	26	8	303	4	73.8	79.5	76.8	56.6	53.1	92.5	87.4
7	26	8	303	8	71.3	79.3	76.6	57.4	56.1	91.5	85.9
7	26	8	303	12	72.1	79.4	76.3	54.3	55.4	89.7	85.3
7	26	8	303	16	72.3	78.9	77.0	53.0	54.7	91.0	87.7
7	26	8	303	20	70.7	79.1	76.5	56.5	53.5	95.3	91.4
7	27	8	304	0	71.3	79.1	76.4	56.7	55.5	94.0	89.7
7	27	8	304	4	74.2	78.3	76.4	53.0	55.4	92.8	87.8
7	27	8	304	8	73.9	79.1	77.1	57.5	56.3	92.5	86.7
7	27	8	304	12	69.8	79.2	76.5	57.1	54.8	95.3	90.7
7	27	8	304	16	69.7	79.1	76.3	55.7	52.7	96.5	92.3
7	27	8	304	20	69.3	79.1	76.3	55.7	53.1	95.9	92.0
7	28	8	305	0	71.1	77.9	77.6	57.3	54.7	94.4	89.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
7	28	8	305	4	72.3	77.9	77.5	56.9	53.7	94.0	89.2
7	28	8	305	8	71.2	79.2	76.5	56.9	53.5	93.2	89.3
7	28	8	305	12	72.1	78.2	76.3	57.4	54.0	95.5	89.1
7	28	8	305	16	69.6	77.9	75.6	57.0	53.7	97.5	92.1
7	28	8	305	20	69.8	77.8	75.5	56.0	53.0	97.2	92.2
7	29	8	306	0	73.0	77.3	75.9	57.2	54.8	94.3	89.2
7	29	8	306	4	74.3	77.5	75.5	59.4	59.7	91.5	86.0
7	29	8	306	8	70.7	79.6	76.2	58.9	57.9	90.8	86.1
7	29	8	306	12	70.0	75.3	76.3	57.3	57.4	91.7	87.2
7	29	8	306	16	69.3	73.9	76.2	56.8	52.6	93.7	89.5
7	29	8	306	20	69.6	79.2	76.3	56.2	53.1	94.0	89.8
7	30	8	307	0	72.1	79.1	76.5	56.3	54.5	92.7	87.6
7	30	8	307	4	74.6	77.7	77.0	59.3	58.2	89.6	82.9
7	30	8	307	8	74.2	79.0	77.2	59.6	59.2	89.7	81.8
7	31	8	308	0	70.2	78.7	75.3	58.6	56.5	91.8	89.3
7	31	8	308	12	69.8	79.3	76.2	56.9	52.7	93.0	89.4
7	31	8	308	16	69.5	78.8	76.1	56.8	52.7	93.3	90.4
7	31	8	308	20	69.4	78.0	75.9	56.5	53.5	94.3	91.3
8	1	8	309	12	64.0	74.3	73.5	57.6	54.5	97.2	92.7
8	1	8	309	16	63.9	69.9	70.0	53.5	56.4	99.1	94.8
8	1	8	309	20	64.5	69.3	69.2	53.5	55.3	99.1	92.3
8	2	8	310	0	72.0	83.5	72.1	57.8	56.2	93.7	89.1
8	2	8	310	4	77.1	89.7	74.7	59.6	57.1	93.2	87.7
8	2	8	310	8	79.3	92.0	76.1	59.9	56.5	92.8	89.0
8	2	8	310	12	69.7	79.1	73.4	61.6	57.9	93.0	89.3
8	2	8	310	16	64.9	77.7	74.4	54.3	56.1	91.6	89.6
8	2	8	310	20	63.5	74.4	74.6	53.0	54.5	94.6	90.8
8	3	8	311	0	63.7	81.1	74.4	53.2	54.7	94.4	90.3
8	3	8	311	4	64.7	69.1	70.5	53.5	54.8	94.4	89.5
8	3	8	311	8	64.0	68.4	68.3	53.7	55.1	93.6	89.5
8	3	8	311	12	63.7	68.5	64.5	59.6	55.0	95.6	91.4
8	3	8	311	16	63.0	64.4	64.2	53.0	54.5	96.9	92.2
8	3	8	311	20	62.7	64.3	63.9	57.8	54.4	96.5	91.5
8	4	8	312	0	63.2	64.4	63.8	59.0	55.6	95.5	91.6
8	4	8	312	4	56.5	64.1	63.7	53.5	56.0	95.5	91.3
8	4	8	312	8	64.3	64.0	63.3	53.3	55.5	94.5	91.4
8	4	8	312	12	63.2	64.0	63.0	59.5	54.9	95.8	91.7
8	4	8	312	16	63.7	64.2	62.8	53.4	55.0	97.5	92.8
8	4	8	312	20	63.0	63.3	62.3	53.5	55.0	96.7	92.1
8	5	8	313	0	61.9	62.6	62.0	59.5	55.0	93.8	91.5
8	5	8	313	4	60.5	61.9	61.8	53.2	57.0	91.6	87.4
8	5	8	313	8	65.6	67.5	64.6	53.4	57.2	87.0	88.3
8	5	8	313	12	65.2	75.2	67.5	54.7	57.4	82.4	89.3
8	5	8	313	16	58.0	81.5	71.3	57.7	54.3	95.5	91.1
8	5	8	313	20	54.8	82.4	72.4	53.1	54.9	99.4	95.1
8	6	8	314	0	53.8	83.8	73.4	54.1	55.9	101.4	95.7
8	6	8	314	4	57.2	83.0	74.2	59.4	56.1	99.8	91.5
8	6	8	314	8	56.5	81.8	74.5	58.6	55.1	95.7	89.7
8	6	8	314	12	58.4	80.3	74.3	61.8	57.5	89.3	89.2
8	6	8	314	16	54.5	80.7	74.1	59.0	55.5	93.3	91.7
8	6	8	314	20	53.8	70.6	69.4	59.5	56.3	97.7	94.5
8	7	8	315	0	54.6	66.4	65.6	61.2	56.8	96.1	91.9
8	7	8	315	4	55.6	62.7	63.5	59.5	55.9	95.3	91.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
8	7	8	315	8	54.3	61.9	62.2	59.4	56.0	95.7	91.2
8	7	8	315	12	54.5	61.4	61.4	59.4	56.1	97.5	92.7
8	7	8	315	16	52.8	61.5	61.8	59.7	56.5	90.0	95.6
8	7	8	315	20	52.3	62.1	61.4	61.1	56.9	99.9	95.9
8	8	8	316	0	54.0	61.6	60.1	60.0	56.7	98.0	94.1
8	8	8	316	4	56.4	59.5	59.8	59.3	55.8	96.0	91.0
8	8	8	316	8	54.3	61.2	59.4	59.1	55.6	96.2	91.5
8	8	8	316	12	55.5	61.8	61.1	59.6	55.0	94.1	91.1
8	8	8	316	16	56.5	71.5	65.1	59.3	55.0	98.3	95.8
8	8	8	316	20	59.0	91.1	67.0	59.9	55.5	99.3	95.2
8	9	8	317	0	58.0	94.4	69.2	59.7	56.3	99.2	94.1
8	9	8	317	4	57.8	92.1	67.2	59.8	56.4	97.4	92.7
8	9	8	317	8	59.0	93.7	69.8	59.8	56.3	97.1	93.1
8	9	8	317	12	59.3	86.4	70.2	60.5	56.8	89.1	92.3
8	9	8	317	16	59.6	79.3	70.7	61.1	57.4	81.1	91.6
8	9	8	317	20	59.9	77.0	71.2	61.5	57.0	97.3	94.0
8	10	8	318	0	59.2	73.7	69.0	60.7	57.4	99.4	95.4
8	10	8	318	4	59.8	72.2	69.3	61.5	57.2	101.1	95.2
8	10	8	318	8	59.2	71.3	67.8	60.8	57.6	99.0	64.0
8	10	8	318	12	60.1	71.5	68.0	61.2	56.7	97.5	92.7
8	10	8	318	16	59.1	71.6	67.8	59.3	55.7	96.6	91.6
8	10	8	318	20	59.3	71.9	67.7	59.0	55.7	97.3	93.6
8	11	8	319	0	57.5	72.0	67.6	59.3	56.1	99.8	95.0
8	11	8	319	4	57.8	71.8	67.7	59.5	56.1	99.7	93.7
8	11	8	319	8	60.0	70.8	67.9	59.5	54.9	91.5	89.5
8	12	8	320	0	65.3	72.3	68.8	62.1	62.2	85.5	82.2
8	12	8	320	12	63.7	72.7	69.3	59.0	58.1	85.3	83.3
8	12	8	320	16	62.6	73.8	69.7	57.8	54.5	91.6	86.4
8	12	8	320	20	61.3	74.5	69.9	56.7	53.3	85.6	89.7
8	13	8	321	0	63.2	74.2	70.8	57.9	54.0	88.4	87.3
8	13	8	321	4	65.3	73.9	71.7	59.1	54.7	91.1	84.8
8	13	8	321	8	63.7	74.6	71.8	58.9	56.5	91.5	85.7
8	14	8	322	0	67.8	80.1	74.4	59.8	56.6	75.6	89.7
8	14	8	322	4	71.0	79.4	74.8	59.8	55.5	78.5	89.5
8	14	8	322	8	69.3	78.8	74.8	59.4	54.9	80.8	89.6
8	14	8	322	12	68.9	80.1	74.9	59.5	57.8	77.5	89.5
8	14	8	322	16	69.4	81.4	75.0	57.4	54.1	67.7	77.8
8	14	8	322	20	68.3	79.3	75.6	57.2	53.9	71.9	88.0
8	15	8	323	0	68.5	79.0	74.6	58.0	54.6	71.8	87.8
8	15	8	323	4	71.1	78.8	75.2	59.7	55.5	82.2	89.7
8	15	8	323	8	68.5	79.0	74.6	58.0	54.6	71.8	87.8
8	15	8	323	12	73.2	77.6	75.3	61.4	61.7	75.4	82.4
8	15	8	323	16	71.4	77.3	75.0	59.5	57.4	69.4	79.1
8	15	8	323	20	70.2	77.7	74.8	58.3	54.9	72.5	89.2
8	16	8	324	0	69.5	77.3	74.5	58.9	55.8	74.5	89.6
8	16	8	324	4	73.7	78.3	75.0	59.0	55.8	79.6	83.2
8	16	8	324	8	71.5	77.4	74.7	59.8	59.2	81.1	86.9
8	16	8	324	12	71.3	75.8	74.5	61.2	59.7	71.5	82.6
8	16	8	324	16	70.0	76.0	74.3	60.0	57.0	75.8	89.5
8	16	8	324	20	69.5	76.5	74.1	58.0	54.6	70.0	89.3
8	17	8	325	0	68.7	75.3	73.9	58.0	54.7	72.1	91.4
8	17	8	325	4	71.2	76.1	74.0	58.6	55.3	71.2	87.5
8	17	8	325	8	69.2	76.1	73.8	59.5	55.0	71.6	89.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
8	17	8	325	12	68.5	76.3	73.6	59.3	55.0	76.8	91.3
8	17	8	325	16	68.0	76.1	73.4	59.2	55.9	75.5	91.7
8	17	8	325	20	69.9	76.2	73.5	59.5	55.1	70.0	83.2
8	18	8	326	0	69.5	75.7	73.5	59.6	55.2	71.5	85.3
8	18	8	326	4	72.7	75.6	74.0	57.8	55.4	71.4	87.5
8	18	8	326	8	74.0	75.6	74.3	59.9	56.0	74.9	86.1
8	18	8	326	12	71.4	76.2	74.2	58.5	55.6	71.4	87.9
8	18	8	326	16	69.8	76.5	74.0	57.4	54.3	69.1	86.1
8	18	8	326	20	70.0	76.2	74.0	57.4	54.2	71.6	89.3
8	19	8	327	0	73.4	75.7	74.5	59.2	55.0	69.6	83.2
8	19	8	327	4	73.8	75.8	74.7	59.8	55.8	73.8	86.3
8	19	8	327	8	71.0	76.5	74.3	59.5	55.3	75.8	89.5
8	19	8	327	12	70.8	76.6	74.4	59.7	57.2	81.1	89.4
8	19	8	327	16	70.3	76.8	74.4	58.2	55.4	66.3	77.7
8	19	8	327	20	69.6	77.0	74.3	57.5	54.4	69.8	90.0
8	20	8	328	0	69.8	76.5	74.3	57.5	54.4	69.2	85.7
8	20	8	328	4	72.9	76.0	74.6	59.1	56.9	76.4	89.4
8	20	8	328	8	72.1	76.3	74.5	59.4	55.0	69.1	87.4
8	20	8	328	12	69.6	77.0	74.5	57.5	54.3	71.4	91.2
8	20	8	328	16	69.3	77.8	74.5	59.5	55.5	74.0	93.8
8	20	8	328	20	69.3	79.2	74.7	59.8	55.8	71.2	90.0
8	21	8	329	0	69.4	79.2	74.8	59.4	56.3	69.6	85.5
8	21	8	329	4	70.2	77.7	74.8	59.4	56.1	71.0	87.9
8	21	8	329	8	68.9	78.0	74.8	59.9	55.5	73.4	91.5
8	21	8	329	12	68.8	78.1	74.8	57.5	54.2	72.0	89.1
8	21	8	329	16	69.3	79.1	74.9	56.5	53.3	68.9	85.7
8	21	8	329	20	68.1	79.7	75.0	56.6	53.6	76.0	91.2
8	22	8	330	0	68.6	78.0	75.0	56.7	53.5	71.3	80.3
8	22	8	330	4	72.8	77.0	75.3	56.3	53.2	74.0	89.9
8	22	8	330	8	70.0	79.1	75.2	55.9	52.7	68.3	80.9
8	22	8	330	12	70.0	76.0	74.1	57.6	55.4	81.4	92.0
8	22	8	330	16	69.2	77.6	74.5	57.0	54.0	99.7	94.4
8	22	8	330	20	68.6	77.7	74.5	57.8	54.7	97.1	94.7
8	23	8	331	0	69.8	77.4	74.5	59.1	54.8	91.6	93.5
8	23	8	331	4	69.5	77.5	75.6	59.0	55.8	97.7	93.3
8	23	8	331	8	69.0	77.5	74.6	59.1	55.7	84.6	92.8
8	23	8	331	12	69.2	77.6	75.6	59.5	55.3	90.1	93.6
8	23	8	331	16	70.2	77.5	74.8	59.5	55.2	95.8	92.2
8	23	8	331	20	69.2	77.8	74.7	58.7	55.7	94.1	94.6
8	24	8	332	0	70.5	77.3	74.8	59.1	54.8	93.8	91.7
8	24	8	332	4	73.7	76.7	75.2	59.8	56.0	89.7	85.4
8	24	8	332	8	74.0	76.7	75.5	61.6	59.3	89.2	84.0
8	24	8	332	12	72.7	77.5	75.6	60.4	59.0	89.4	87.4
8	24	8	332	16	70.7	77.9	75.4	58.2	55.1	93.1	91.3
8	24	8	332	20	71.8	75.8	75.1	58.2	55.8	94.8	89.6
8	25	8	333	0	71.8	76.9	75.2	59.5	57.6	95.3	89.1
8	25	8	333	4	72.1	75.8	75.3	59.4	55.0	93.9	89.0
8	25	8	333	8	72.5	77.1	75.5	59.4	56.5	93.8	89.2
8	25	8	333	12	69.8	77.9	75.1	59.5	55.2	97.3	91.7
8	25	8	333	16	68.1	77.8	74.8	59.5	55.5	85.2	95.3
8	25	8	333	20	68.9	77.6	74.7	59.6	55.5	80.8	94.3
8	26	8	334	0	69.5	77.4	74.8	59.8	55.6	91.5	93.3
8	26	8	334	4	72.1	76.6	75.0	57.7	54.5	95.3	89.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
8	26	8	334	8	74.0	76.3	75.3	59.8	55.6	93.3	86.6
8	26	8	334	12	73.0	76.0	75.1	61.7	61.3	89.3	84.3
8	27	8	335	12	72.5	75.2	75.0	60.3	57.7	85.8	81.8
8	27	8	335	16	70.0	75.5	74.6	59.6	57.6	81.1	83.8
8	27	8	335	20	69.6	75.5	74.5	59.8	55.4	76.6	85.2
8	28	8	336	0	72.4	75.6	75.6	61.5	61.2	81.5	81.2
8	28	8	336	4	74.5	73.8	74.8	61.5	62.0	83.8	77.3
8	28	8	336	8	74.5	73.7	74.7	61.7	61.3	83.2	73.3
8	28	8	336	12	71.7	73.9	74.2	59.9	56.3	80.0	80.7
8	28	8	336	16	70.3	73.9	73.8	61.7	61.5	75.9	79.5
8	28	8	336	20	69.8	74.1	73.5	61.0	59.8	86.0	82.7
8	29	8	337	12	69.2	75.0	73.5	59.6	55.3	83.3	82.8
8	29	8	337	16	69.1	75.3	73.6	59.7	55.7	85.2	85.6
8	29	8	337	20	69.2	79.4	74.8	58.9	57.9	91.8	85.3
8	30	8	338	0	70.0	79.3	75.4	59.5	56.7	89.6	83.9
8	30	8	338	4	71.0	79.6	75.9	61.5	60.9	87.8	82.3
8	30	8	338	8	71.7	79.6	76.2	61.0	61.1	86.2	81.9
8	30	8	338	12	71.6	79.7	76.4	59.2	56.5	84.5	81.5
8	30	8	338	16	71.1	81.2	76.5	58.6	55.0	88.1	84.1
8	30	8	338	20	71.4	76.4	75.3	56.6	55.4	91.7	85.3
8	31	8	339	0	73.0	74.6	74.5	59.4	56.4	86.6	81.3
8	31	8	339	4	74.3	74.2	74.5	59.1	56.0	83.2	77.4
8	31	8	339	8	72.6	74.5	74.4	61.4	59.1	81.3	76.7
8	31	8	339	12	71.1	74.8	74.3	59.5	59.1	83.7	79.3
8	31	8	339	16	69.1	75.6	75.1	59.3	55.4	89.1	85.5
8	31	8	339	20	68.5	75.7	75.1	56.6	53.3	89.8	85.7
9	1	8	340	0	69.4	75.7	74.1	57.1	55.5	89.8	84.0
9	1	8	340	4	69.6	75.3	73.9	59.1	57.4	87.9	83.6
9	1	8	340	8	70.2	75.0	73.8	59.1	55.8	86.9	82.5
9	1	8	340	12	70.0	75.2	73.8	59.1	57.5	89.5	84.1
9	1	8	340	16	69.5	75.5	73.9	59.1	56.2	89.6	84.8
9	1	8	340	20	69.4	75.4	73.7	56.8	54.2	89.8	85.0
9	2	8	341	0	69.5	75.3	73.7	57.8	54.5	89.2	84.8
9	2	8	341	4	69.4	75.2	73.6	59.0	57.3	89.6	84.0
9	2	8	341	8	69.3	75.2	73.6	59.1	59.5	89.1	83.5
9	2	8	341	12	69.4	75.5	73.7	59.2	55.8	91.2	85.0
9	2	8	341	16	69.0	75.8	73.8	57.1	56.0	91.9	87.1
9	2	8	341	20	69.3	75.3	73.6	59.2	57.1	90.0	85.6
9	3	8	342	0	71.4	75.3	73.6	57.9	54.6	89.7	85.1
9	3	8	342	4	70.8	75.2	73.5	58.3	55.2	89.3	85.6
9	3	8	342	8	67.6	74.1	73.0	58.2	55.2	82.6	84.6
9	3	8	342	12	64.8	73.0	72.5	58.1	55.3	76.0	83.7
9	3	8	342	16	63.5	72.1	71.6	57.9	54.8	91.4	87.1
9	3	8	342	20	63.9	72.1	70.0	58.4	55.0	92.1	87.6
9	4	8	343	0	63.2	72.2	71.1	59.6	59.0	91.0	86.3
9	4	8	343	4	59.7	72.0	70.0	60.0	57.3	89.6	84.6
9	4	8	343	8	61.7	71.8	69.9	61.6	60.0	89.6	83.4
9	4	8	343	12	58.0	71.7	69.0	56.5	53.1	81.6	87.0
9	4	8	343	16	57.1	71.5	69.6	55.2	52.0	93.0	89.0
9	4	8	343	20	58.2	70.3	69.4	55.3	52.3	93.7	89.3
9	5	8	344	0	59.0	71.6	69.5	55.6	52.4	92.3	87.6
9	5	8	344	4	62.2	70.8	69.5	57.1	53.7	91.6	85.0
9	5	8	344	8	60.3	71.3	69.3	57.1	57.2	90.9	85.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
8	5	8	344	12	61.1	69.7	68.2	53.1	55.5	89.2	85.3
8	5	8	344	16	61.5	69.5	68.2	53.1	58.0	87.2	82.6
8	5	8	344	2	59.1	70.4	68.1	55.3	51.9	92.1	84.9
8	6	8	345		59.4	70.2	68.	54.8	51.5	77.5	86.4
8	6	8	345	4	61.3	69.7	68.1	54.4	51.4	89.3	84.5
8	6	8	345	8	60.2	70.7	68.2	54.8	51.6	91.3	87.5
8	6	8	345	12	61.3	70.1	68.2	55.6	52.8	87.9	85.1
8	6	8	345	16	61.3	70.2	68.2	55.7	53.1	88.3	85.3
8	6	8	345	20	60.1	70.5	68.2	54.8	51.4	79.2	85.9
8	7	8	346		60.1	71.1	68.	55.2	52.1	77.3	85.3
8	7	8	346	4	63.2	69.7	68.1	56.1	55.1	89.1	81.9
8	7	8	346	8	61.3	69.7	67.8	56.5	55.3	87.5	83.0
8	7	8	346	12	59.5	69.8	67.4	55.5	52.8	88.3	84.5
8	7	8	346	16	59.4	69.9	67.5	54.8	51.8	89.7	87.8
8	7	8	346	20	58.4	71.1	67.4	54.6	52.8	91.6	87.0
8	8	8	347		59.4	69.7	67.3	54.6	52.	91.	85.5
8	8	8	348	12	66.5	69.2	67.9	61.2	59.2	86.1	84.4
8	8	8	348	16	65.5	70.3	68.1	59.4	58.0	91.2	85.7
8	8	8	348	20	65.	71.3	68.2	57.3	54.3	92.5	86.8
8	9	8	349		66.	70.1	68.2	58.2	55.	89.4	84.7
8	9	8	349	4	67.4	70.	68.3	58.3	58.6	89.1	83.7
8	9	8	349	8	66.1	71.3	68.3	58.3	55.	88.3	84.5
8	9	8	349	12	64.	71.3	68.3	57.7	55.4	89.3	86.8
8	9	8	349	16	65.4	71.5	68.4	62.5	63.1	91.6	87.3
8	9	8	349	20	64.7	71.5	68.4	62.6	61.7	92.5	87.3
8	10	8	350		64.3	71.5	68.4	62.5	59.7	91.5	86.1
8	10	8	350	4	63.8	69.3	68.5	62.	61.8	90.3	82.7
8	10	8	350	8	64.1	71.5	68.5	64.3	63.7	90.3	83.9
8	10	8	350	12	64.3	69.9	68.4	62.1	56.8	77.3	84.3
8	10	8	350	16	63.1	71.1	68.1	58.4	55.3	79.9	87.5
8	10	8	350	20	62.1	71.4	68.1	57.5	56.1	90.3	85.6
8	11	8	351		63.3	71.4	68.2	58.8	58.5	89.2	83.3
8	11	8	351	4	64.4	69.7	68.5	61.1	58.3	83.4	79.9
8	11	8	351	8	65.1	69.9	68.5	61.6	61.5	86.3	78.7
8	11	8	351	12	65.4	69.4	68.5	62.1	61.3	82.2	79.3
8	11	8	351	16	65.	69.7	68.4	61.7	57.3	84.4	81.4
8	11	8	351	20	64.4	71.1	68.5	61.2	58.4	87.7	80.9
8	12	8	352		65.1	69.8	68.5	61.1	61.4	85.7	78.2
8	12	8	352	4	66.	69.8	68.4	61.7	59.	78.4	77.2
8	12	8	352	8	66.	69.8	68.7	62.2	60.1	78.1	76.3
8	12	8	352	12	66.1	69.8	68.4	61.1	56.7	84.3	79.1
8	12	8	352	16	64.1	71.1	68.4	58.	56.1	81.3	83.2
8	12	8	352	20	65.1	71.3	68.5	57.7	54.	89.1	83.6
8	13	8	353	12	65.7	71.7	68.1	59.5	59.	92.6	79.
8	13	8	353	16	65.	65.4	68.3	58.3	57.3	83.5	82.6
8	13	8	353	20	62.5	75.5	71.4	64.5	62.1	81.4	85.3
8	14	8	354		62.5	69.1	68.3	57.8	53.7	87.3	77.6
8	14	8	354	4	64.1	68.7	68.1	59.1	59.	85.4	82.9
8	14	8	354	8	64.3	69.5	67.7	59.4	59.	86.3	82.5
8	14	8	354	12	64.	71.3	68.3	57.1	55.8	87.4	83.
8	14	8	354	16	63.5	71.5	68.5	54.3	51.6	87.2	85.3
8	14	8	354	20	62.4	71.6	68.4	57.3	57.4	86.7	86.1
8	15	8	355		62.3	69.8	68.3	59.1	57.0	89.6	85.3
8	15	8	355	4	63.	69.4	68.1	57.	57.5	81.3	81.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
9	18	8	257	8	66.2	69.3	69.3	61.6	61.2	73.1	79.6
9	18	8	257	12	65.3	70.0	68.5	61.3	57.7	76.7	80.7
9	18	8	257	16	64.1	73.2	68.9	59.5	55.3	85.6	85.0
9	18	8	257	20	62.9	68.4	68.1	59.1	59.1	91.2	85.2
9	19	8	258	0	63.5	67.0	66.6	59.7	59.4	84.9	83.9
9	19	8	258	4	65.2	65.8	65.9	61.1	61.2	86.8	81.4
9	19	8	258	8	65.7	65.3	65.3	61.2	61.3	84.2	79.8
9	19	8	258	12	64.7	68.7	67.2	59.3	59.1	83.7	81.5
9	19	8	258	16	64.	71.8	68.4	57.4	53.8	79.2	84.1
9	19	8	258	20	63.2	71.3	68.	56.5	55.5	80.3	85.7
9	20	8	259	0	63.5	71.1	68.	58.0	55.8	76.1	83.4
9	20	8	259	4	64.8	68.8	68.	60.	60.2	85.3	81.4
9	20	8	259	8	65.4	68.6	68.2	61.5	57.5	85.6	79.9
9	20	8	259	12	64.6	70.	68.2	58.6	55.1	88.6	82.2
9	20	8	259	16	63.	71.	68.2	56.7	55.4	90.8	85.5
9	20	8	259	20	62.	71.	68.	57.	53.4	91.6	87.3
9	21	8	260	0	63.	70.	68.4	58.8	57.6	82.3	83.9
9	21	8	260	4	64.	71.	68.5	58.6	57.	89.6	82.7
9	21	8	260	8	64.	71.7	68.6	58.6	58.6	86.8	81.8
9	21	8	260	12	64.7	70.	68.	58.4	58.8	87.5	82.3
9	21	8	260	16	62.6	71.	68.6	58.1	54.8	90.	85.4
9	21	8	260	20	62.	71.1	68.	57.8	54.7	81.4	85.9
9	22	8	261	0	63.	71.	68.7	58.1	58.	87.7	82.6
9	22	8	261	4	64.	71.	68.7	61.1	58.8	86.6	81.0
9	22	8	261	8	65.	70.5	68.8	60.1	57.	85.0	79.7
9	22	8	261	12	63.	70.	68.	58.	57.	89.8	83.3
9	22	8	261	16	63.	70.	68.	58.	54.8	92.8	87.4
9	22	8	261	20	62.	71.0	68.5	56.9	53.5	92.7	87.5
9	23	8	262	0	62.	70.9	68.	58.5	55.5	88.9	84.9
9	23	8	262	4	63.	70.	68.	58.2	57.	88.9	84.1
9	23	8	262	8	63.	71.	68.7	58.1	56.	85.1	83.2
9	23	8	262	12	63.	69.7	67.	58.	55.5	91.1	85.9
9	23	8	262	16	62.	70.2	67.	57.2	54.1	94.4	89.7
9	23	8	262	20	62.	71.	68.5	57.5	54.	93.1	88.4
9	24	8	263	0	64.	71.7	68.	58.5	55.	81.4	86.4
9	24	8	263	4	65.	71.4	68.	58.4	55.4	81.3	84.8
9	24	8	263	8	64.	71.	68.	58.6	58.	81.8	85.4
9	24	8	263	12	63.	70.	68.	56.	53.5	92.8	88.3
9	24	8	263	16	62.	71.	68.	56.	55.	81.1	90.6
9	24	8	263	20	62.	71.	68.	56.	53.5	84.1	90.5
9	25	8	264	0	62.	71.	68.	58.3	54.	79.3	87.2
9	25	8	264	4	63.	71.	68.	58.	55.	89.	85.5
9	25	8	264	8	63.	71.	68.	58.4	58.5	91.2	84.9
9	25	8	264	12	64.	69.	67.	58.	56.	83.1	88.2
9	27	8	266	12	66.	69.	67.	58.7	56.	88.2	83.2
9	27	8	266	16	65.	70.	67.	58.	54.	89.	85.
9	27	8	266	20	65.	69.	67.	58.4	57.	91.	85.
9	28	8	267	0	65.	69.	67.	58.	58.	84.	83.
9	28	8	267	4	64.	69.	67.	61.	61.	85.	81.
9	28	8	267	8	66.	68.	67.	61.	59.	83.7	78.7
9	28	8	267	12	64.	69.	67.	61.	60.	87.	81.
9	28	8	267	16	65.	69.	67.	60.	59.	83.	83.
9	28	8	267	20	65.	69.	67.	59.	57.	89.	83.

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
9	29	8	368	0	69.0	69.3	67.5	61.6	67.9	86.4	79.8
9	29	8	368	4	67.2	69.7	67.6	61.4	61.6	82.1	76.8
9	29	8	368	8	69.1	69.6	67.7	63.0	62.2	81.4	77.3
9	30	8	369	12	66.7	69.7	67.7	59.3	59.1	85.2	81.6
9	30	8	369	16	65.8	69.1	69.1	58.3	57.0	87.2	82.3
9	30	8	369	20	65.3	69.5	67.8	59.1	55.7	89.6	83.7
10	1	8	370	0	65.3	69.4	67.7	59.3	56.9	87.8	83.1
10	1	8	370	4	65.1	69.3	67.7	57.5	55.6	89.7	83.3
10	1	8	370	8	65.2	69.3	67.6	57.8	54.3	87.4	83.7
10	1	8	370	12	42.6	66.4	65.3	59.3	56.3	87.1	85.0
10	1	8	370	16	43.4	62.2	62.0	59.3	57.8	76.3	89.5
10	1	8	370	20	42.7	61.7	61.4	61.3	61.3	91.3	87.3
10	2	8	371	0	43.4	61.7	59.8	60.7	59.8	91.9	87.0
10	2	8	371	4	43.2	61.6	59.6	61.9	61.0	89.5	86.1
10	2	8	371	8	44.0	61.2	59.2	60.8	57.7	91.7	85.8
10	2	8	371	12	45.5	60.0	59.1	60.2	57.8	92.7	87.5
10	2	8	371	16	47.1	60.6	59.0	59.6	58.0	93.8	89.3
10	2	8	371	20	46.8	61.1	59.2	58.0	54.9	79.5	89.6
10	4	8	373	16	55.2	60.8	58.9	59.3	60.7	79.3	77.5
10	4	8	373	20	56.1	58.8	59.4	55.2	51.6	66.8	79.8
10	5	8	374	0	55.0	58.0	59.0	55.5	52.1	77.0	77.6
10	5	8	374	4	55.2	57.6	57.7	56.8	54.3	64.0	72.7
10	5	8	374	8	55.7	57.2	57.5	56.9	54.0	70.1	74.5
10	7	8	376	16	52.3	61.1	62.6	59.3	59.2	70.2	81.4
10	7	8	376	20	52.5	56.0	56.5	59.0	56.4	81.1	84.1
10	8	8	377	0	52.1	61.4	60.0	59.0	59.1	87.7	82.5
10	8	8	377	4	52.1	61.4	59.2	59.0	59.2	63.9	72.5
10	8	8	378	16	52.8	60.0	59.1	59.4	57.1	80.9	84.0
10	9	8	378	20	51.8	59.6	59.2	59.3	55.0	76.2	84.9
10	10	8	379	0	51.6	58.6	57.8	59.7	57.3	70.5	87.1
10	10	8	379	4	51.5	59.3	57.9	61.1	60.4	79.3	81.5
10	10	8	379	8	40.7	49.3	49.3	50.3	51.3	51.0	51.4
10	10	8	379	12	52.5	59.0	57.2	59.1	57.1	89.8	84.3
10	10	8	379	16	51.2	51.2	51.2	51.2	51.2	51.2	51.2
10	10	8	379	20	50.7	50.7	50.7	50.9	50.9	52.2	55.0
10	11	8	380	0	41.8	45.2	45.3	50.0	50.3	50.9	51.1
10	11	8	380	4	43.4	44.8	45.2	49.6	49.0	49.3	49.5
10	11	8	380	8	51.7	51.7	51.7	51.7	51.7	51.7	51.7
10	12	8	381	20	53.2	60.2	59.1	59.0	54.7	90.0	85.5
10	13	8	382	0	53.4	60.2	59.7	57.8	55.6	91.8	85.2
10	13	8	382	4	53.1	59.6	59.4	58.3	57.9	89.2	84.5
10	13	8	382	8	53.1	59.7	59.2	59.2	57.7	89.4	84.4
10	13	8	382	12	53.9	59.5	58.0	60.1	57.7	93.5	84.3
10	21	8	390	12	54.3	59.8	57.4	61.0	61.1	87.0	81.6
10	21	8	390	16	54.3	58.9	57.5	61.3	58.7	86.7	81.4
10	21	8	390	20	54.3	59.0	59.5	59.5	56.4	85.8	90.7
10	22	8	391	12	53.3	59.4	58.7	59.2	58.8	85.0	91.1
10	22	8	391	16	53.8	60.5	58.4	57.6	54.9	88.1	83.3
10	22	8	391	20	53.5	60.7	58.5	57.3	54.0	89.7	82.9
10	23	8	392	12	53.6	60.3	58.4	57.4	57.0	87.0	82.2
10	23	8	392	16	53.4	60.5	58.4	56.7	54.2	89.1	83.2
10	24	8	393	12	53.4	59.7	58.5	58.4	59.2	91.5	91.2
10	24	8	393	16	53.1	60.1	58.6	57.5	54.2	87.3	82.7

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
10	24	8	393	20	53.	55.4	58.6	57.7	56.3	85.7	81.6
10	25	8	394	12	53.6	41.3	59.5	58.6	57.6	86.4	81.0
10	25	8	394	16	53.8	59.7	59.5	60.4	61.5	85.6	82.0
10	25	8	394	20	54.2	60.0	58.5	59.8	57.7	86.7	81.0
10	26	8	395	0	54.6	60.0	58.5	59.2	57.2	85.5	80.2
10	26	8	395	4	54.3	60.1	58.5	60.1	59.6	84.0	80.3
10	26	8	395	8	54.8	57.1	58.7	60.1	60.3	83.0	80.8
10	26	8	395	12	56.1	56.5	58.7	60.2	58.8	83.3	80.9
10	26	8	395	16	54.8	60.5	58.7	60.3	59.5	83.5	80.9
10	26	8	395	20	54.5	60.5	58.7	60.4	58.1	83.8	80.9
10	27	8	396	0	54.2	60.3	58.6	60.5	60.0	81.5	80.6
10	27	8	396	4	54.3	60.2	58.6	61.2	60.8	82.0	81.4
10	27	8	396	8	54.1	60.4	58.5	60.4	58.3	83.1	81.1
10	27	8	396	12	54.1	60.3	61.0	60.7	59.1	83.5	80.7
10	27	8	396	16	54.1	60.7	59.1	63.3	57.4	84.7	78.9
10	27	8	396	20	53.9	59.7	59.1	63.3	57.4	84.7	78.9
10	28	8	397	0	53.5	59.5	58.9	61.3	58.5	84.9	79.0
10	28	8	397	4	53.9	59.3	58.6	61.7	59.3	84.6	79.0
10	28	8	397	8	54.1	59.6	58.7	62.1	60.1	84.8	79.0
10	28	8	397	12	54.3	59.9	58.6	62.6	61.0	84.4	79.0
10	28	8	397	16	54.1	59.9	58.6	62.5	63.6	85.1	78.9
11	1	8	401	0	39.9	53.9	55.2	58.3	54.6	89.2	84.0
11	1	8	401	4	40.1	53.4	55.2	58.5	55.3	89.2	84.0
11	1	8	401	8	40.2	53.7	55.1	58.9	57.1	89.2	84.0
11	1	8	401	12	40.1	53.5	55.1	59.0	58.4	89.2	84.0
11	1	8	401	16	39.9	52.9	54.4	59.2	59.4	89.0	83.5
11	1	8	401	20	39.8	52.2	53.7	58.4	58.5	88.0	83.1
11	2	8	402	0	40.1	52.4	53.4	59.0	55.5	88.6	82.3
11	2	8	402	4	40.2	52.2	53.1	58.2	54.6	88.0	82.7
11	2	8	402	8	40.1	51.8	52.6	57.4	56.4	88.1	82.6
11	2	8	402	12	42.2	53.6	53.4	58.6	57.7	90.5	85.7
11	2	8	402	16	42.2	52.2	52.1	56.7	53.3	91.5	85.7
11	5	8	405	16	46.	48.	48.5	57.0	57.5	86.8	80.2
11	5	8	405	20	43.2	48.0	57.2	58.8	59.7	83.8	79.0
11	6	8	406	12	44.2	48.6	57.4	58.6	56.3	84.0	78.6
11	6	8	406	16	45.4	48.8	58.2	58.6	55.7	83.7	79.0
11	6	8	406	20	45.1	48.8	58.2	58.5	55.2	83.4	79.5
11	9	8	409	12	52.4	55.2	57.2	57.5	55.5	84.8	80.2
11	9	8	409	16	52.6	52.7	54.4	58.2	58.7	83.2	81.2
11	9	8	409	20	51.5	51.5	51.5	54.7	55.4	86.3	84.8
11	10	8	410	0	51.0	48.4	50.4	61.5	61.2	85.8	79.5
11	10	8	410	4	51.4	48.5	49.6	61.4	62.0	84.1	78.5
11	10	8	410	8	50.	48.1	48.1	60.5	58.5	85.2	79.9
11	10	8	410	12	50.1	48.6	48.2	58.7	55.7	82.7	79.0
11	10	8	410	16	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	10	8	410	20	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	11	8	411	0	49.7	48.6	48.2	58.7	55.7	82.7	79.0
11	11	8	411	4	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	11	8	411	8	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	11	8	411	12	49.7	48.6	48.2	58.7	55.7	82.7	79.0
11	11	8	411	16	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	11	8	411	20	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	12	8	412	0	49.6	48.6	48.2	58.7	55.7	82.7	79.0
11	12	8	412	4	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	12	8	412	8	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	12	8	412	12	49.7	48.6	48.2	58.7	55.7	82.7	79.0
11	12	8	412	16	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	12	8	412	20	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	13	8	413	0	49.6	48.6	48.2	58.7	55.7	82.7	79.0
11	13	8	413	4	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	13	8	413	8	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	13	8	413	12	49.7	48.6	48.2	58.7	55.7	82.7	79.0
11	13	8	413	16	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	13	8	413	20	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	14	8	414	0	49.6	48.6	48.2	58.7	55.7	82.7	79.0
11	14	8	414	4	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	14	8	414	8	49.5	48.6	48.2	58.7	55.7	82.7	79.0
11	14	8	414	12	49.7	48.6	48.2	58.7	55.7	82.7	79.0
11	14	8	414	16	49.5	48.6	48.2	58.7	55.7	82.7	79.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
11	14	8	414	20	45.4	52.3	50.5	57.7	55.4	85.8	80.7
11	15	8	415	0	45.1	52.7	51.1	56.3	54.0	88.7	83.8
11	15	8	415	4	45.1	52.7	51.1	56.3	54.0	88.7	83.8
11	15	8	415	8	45.1	52.7	51.1	56.3	54.0	88.7	83.8
11	15	8	415	12	45.1	52.7	51.1	56.3	54.0	88.7	83.8
11	15	8	415	16	45.1	52.7	51.1	56.3	54.0	88.7	83.8
11	15	8	415	20	45.1	52.7	51.1	56.3	54.0	88.7	83.8
11	18	8	418	0	44.6	54.5	54.7	57.3	57.2	88.3	83.5
11	18	8	418	4	44.6	54.5	54.7	57.3	57.2	88.3	83.5
11	18	8	418	8	44.6	54.5	54.7	57.3	57.2	88.3	83.5
11	18	8	418	12	44.6	54.5	54.7	57.3	57.2	88.3	83.5
11	18	8	418	16	44.6	54.5	54.7	57.3	57.2	88.3	83.5
11	18	8	418	20	44.6	54.5	54.7	57.3	57.2	88.3	83.5
11	19	8	419	0	45.	53.8	54.7	59.2	57.3	86.2	81.9
11	19	8	419	4	45.	53.8	54.7	59.2	57.3	86.2	81.9
11	19	8	419	8	45.	53.8	54.5	59.2	57.3	86.2	81.9
11	19	8	419	12	45.	53.8	54.5	59.2	57.3	86.2	81.9
11	19	8	419	16	45.	53.8	54.5	59.2	57.3	86.2	81.9
11	25	8	425	12	51.1	51.4	54.0	60.3	58.7	86.5	81.6
11	25	8	425	16	49.2	49.1	51.4	60.3	57.8	86.0	80.9
11	25	8	425	20	49.2	52.9	52.	60.5	58.2	86.8	81.5
11	26	8	426	0	49.2	54.6	52.2	60.8	60.5	86.0	81.4
11	26	8	426	4	50.2	55.1	52.2	60.2	57.3	84.8	82.4
11	26	8	426	8	50.2	55.	52.2	60.7	62.0	86.4	81.5
11	26	8	426	12	49.2	55.	52.2	59.0	59.7	87.7	82.1
11	26	8	426	16	72.9	59.1	49.0	57.4	52.9	85.9	81.8
11	26	8	426	20	45.8	47.8	48.5	60.5	56.4	85.9	81.8
11	27	8	427	0	45.4	48.	48.2	61.0	60.5	86.3	82.2
11	27	8	427	4	45.5	48.2	47.9	61.4	64.4	86.7	82.7
11	27	8	427	8	45.7	48.4	47.8	62.0	62.0	87.5	83.9
11	27	8	427	12	48.2	47.5	47.2	59.5	59.5	87.2	83.4
11	27	8	427	16	30.2	46.5	46.4	57.0	54.0	87.0	83.0
11	27	8	427	20	30.2	46.0	46.4	54.0	52.1	86.5	82.2
11	28	8	428	0	46.2	46.7	46.4	59.2	59.2	86.8	81.7
11	28	8	428	4	46.5	47.3	46.4	59.6	59.3	85.6	80.7
11	28	8	428	8	47.2	48.2	46.5	58.7	55.6	85.7	81.0
11	28	8	428	12	48.	47.3	47.4	59.2	57.7	85.2	81.8
11	28	8	428	16	46.2	46.8	51.	59.3	55.6	84.8	81.5
11	28	8	428	20	32.1	41.6	52.4	57.3	57.0	86.3	82.1
11	29	8	429	0	56.5	83.3	54.3	56.7	53.0	87.6	82.8
11	29	8	429	4	4 . .	84.5	55.0	56.2	52.2	87.1	83.2
12	2	8	432	12	42.7	81.7	.	58.7	55.7	86.3	81.2
12	2	8	432	16	42.2	71.8	.	58.6	55.2	86.8	80.3
12	2	8	432	20	41.8	54.1	.	58.4	58.2	86.8	81.3
12	3	8	433	0	41.5	52.4	.	58.3	56.1	86.4	79.3
12	3	8	433	4	40.4	51.2	.	58.3	55.7	84.7	79.3
12	3	8	433	8	39.4	51.0	.	58.7	55.4	87.0	79.3
12	3	8	433	12	38.1	51.6	.	58.7	55.1	87.4	79.3
12	3	8	433	16	37.	51.4	.	57.5	53.5	87.8	81.3
12	4	8	434	12	38.8	47.6	.	55.0	52.1	87.2	80.5
12	4	8	434	16	38.8	46.6	.	50.	56.6	85.5	80.2
12	4	8	434	20	37.1	47.1	.	53.3	56.8	84.8	78.5
12	5	8	435	0	36.2	47.4	.	57.3	55.9	84.7	78.7

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
12	5	8	435	4	35.9	46.8	0.0	60.6	63.8	85.1	78.1
12	5	8	435	8	36.5	47.6	0.0	58.6	54.5	87.1	81.1
12	5	8	435	12	36.0	47.0	0.0	60.1	59.8	87.2	81.8
12	5	8	435	16	36.3	46.9	0.0	59.3	62.0	85.7	79.8
12	5	8	435	20	36.0	46.8	0.0	59.1	59.2	86.1	79.3
12	6	8	436	12	36.6	44.9	0.0	60.9	60.1	85.0	76.0
12	6	8	436	16	37.3	45.3	0.0	60.4	58.2	85.4	77.7
12	6	8	436	20	36.2	44.6	0.0	62.4	65.1	82.2	75.0
12	7	8	440	4	35.0	43.7	0.0	61.2	58.3	80.1	72.8
12	7	8	440	8	33.5	43.4	0.0	62.7	61.8	79.0	72.2
12	7	8	440	12	34.7	43.5	0.0	60.8	59.9	80.4	73.7
12	7	8	440	16	35.4	43.5	0.0	63.3	66.4	81.1	74.7
12	7	8	440	20	36.6	44.0	0.0	62.1	61.4	82.3	75.5
12	11	8	441	0	32.1	43.6	0.0	61.3	57.9	80.8	74.0
12	11	8	441	4	35.8	43.5	0.0	62.7	64.8	80.1	73.0
12	11	8	441	8	36.5	43.9	0.0	60.2	60.8	85.2	79.1
12	11	8	441	12	41.5	45.7	0.0	60.2	60.1	84.2	78.8
12	11	8	441	16	34.5	43.0	0.0	60.1	58.0	84.9	79.8
12	11	8	441	20	32.9	43.3	0.0	60.1	57.3	86.1	79.9
12	12	8	442	0	30.6	39.1	0.0	59.0	57.3	86.1	79.9
12	12	8	442	4	32.8	42.4	0.0	59.1	58.2	86.0	79.4
12	12	8	442	8	34.5	43.2	0.0	59.1	57.1	84.3	78.4
12	12	8	442	12	33.4	43.5	0.0	60.1	59.5	84.5	79.4
12	12	8	442	16	34.5	43.4	0.0	59.4	56.4	85.7	80.1
12	12	8	442	20	32.3	43.3	0.0	58.2	54.9	87.6	81.8
12	13	8	443	0	33.2	43.4	0.0	59.0	56.5	86.2	80.4
12	13	8	443	4	34.2	43.5	0.0	58.8	58.1	84.8	79.5
12	13	8	443	8	34.1	44.	0.0	58.9	56.9	86.4	81.5
12	13	8	443	12	33.2	43.5	0.0	59.1	58.1	87.1	80.4
12	13	8	443	16	33.2	43.5	0.0	59.1	58.1	87.2	80.4
12	13	8	443	20	33.2	43.5	0.0	59.1	58.1	87.2	80.4
12	14	8	444	0	33.2	43.5	0.0	59.1	58.1	87.2	80.4
12	14	8	444	4	33.1	43.5	0.0	59.1	58.1	87.2	80.4
12	14	8	444	8	33.	43.5	0.0	59.1	58.1	87.2	80.4
12	14	8	444	12	33.2	44.6	0.0	57.2	55.7	89.4	84.6
12	14	8	444	16	36.1	43.8	0.0	58.1	55.1	88.1	82.8
12	14	8	444	20	34.4	44.	0.0	58.5	54.6	88.2	83.4
12	21	8	451	0	36.7	44.2	0.0	57.	57.4	88.6	84.0
12	21	8	451	4	36.8	43.8	0.0	57.3	53.3	88.2	83.4
12	21	8	451	8	34.	44.1	0.0	57.1	53.2	87.8	83.2
12	21	8	451	12	37.4	44.4	0.0	58.6	52.7	87.9	83.6
12	21	8	451	16	37.4	44.5	0.0	58.8	60.6	87.3	83.2
12	21	8	451	20	36.2	45.2	0.0	58.1	54.6	88.0	83.0
12	22	8	452	0	36.5	44.2	0.0	58.8	58.6	88.0	82.6
12	22	8	452	4	36.2	43.8	0.0	58.6	54.3	86.7	82.3
12	22	8	452	8	36.1	44.2	0.0	58.4	56.5	88.1	82.3
12	22	8	452	12	36.2	44.8	0.0	58.3	58.1	87.8	82.4
12	22	8	452	16	36.1	44.7	0.0	58.3	60.1	87.8	83.2
12	22	8	452	20	36.1	44.0	0.0	58.5	57.2	86.2	81.9
12	23	8	453	0	36.4	44.2	0.0	57.4	53.5	87.1	82.3
12	23	8	453	4	37.5	44.8	0.0	58.8	57.8	88.2	83.3
12	23	8	453	8	38.2	45.1	0.0	58.7	58.2	89.1	84.4
12	23	8	453	12	37.7	45.1	0.0	58.1	54.2	85.3	82.4
12	23	8	453	16	37.0	44.5	0.0	60.7	58.6	87.3	83.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T1	T2	T3	T10	T11	T12	T13
12	23	8	453	20	36.8	43.0	0.0	61.5	63.5	86.4	81.5
12	24	8	454	0	36.0	43.7	0.0	61.5	63.5	87.4	79.2
12	24	8	454	4	35.8	43.7	0.0	61.2	63.1	86.3	78.3
12	24	8	454	8	35.6	43.5	0.0	60.4	56.1	86.6	76.4
12	24	8	454	12	35.8	42.8	0.0	61.0	57.1	85.2	78.1
12	24	8	454	16	34.8	43.6	0.0	60.9	63.2	86.6	77.5
12	24	8	454	20	34.4	43.5	0.0	62.6	62.5	86.2	75.7
12	25	8	455	0	35.1	43.2	0.0	58.8	54.1	84.2	75.7
12	25	8	455	4	34.5	43.1	0.0	62.3	59.2	83.5	74.6
12	25	8	455	8	35.4	42.9	0.0	62.9	63.6	83.3	72.3
12	25	8	455	12	34.6	42.4	0.0	63.2	60.6	80.7	73.5
12	25	8	455	16	34.4	42.4	0.0	62.0	62.5	80.6	72.6
12	25	8	455	20	34.4	42.8	0.0	63.0	64.4	80.5	72.9
12	26	8	456	0	34.4	42.9	0.0	63.0	64.4	80.5	72.9
12	26	8	456	4	34.5	42.6	0.0	62.8	64.3	80.0	72.5
12	26	8	456	8	34.6	42.3	0.0	62.2	58.0	81.5	72.6
12	26	8	456	12	34.5	42.	0.	61.9	63.1	80.2	74.0
12	26	8	456	16	34.3	42.1	0.0	61.4	62.0	82.8	74.4
12	26	8	456	20	31.8	42.1	0.0	59.7	58.3	82.1	75.8
12	27	8	457	0	34.0	42.3	0.	60.6	62.0	84.8	78.0
12	27	8	457	4	35.1	42.5	0.0	60.1	57.5	85.2	78.8
12	27	8	457	8	35.5	42.0	0.0	58.5	50.7	84.0	79.2
12	27	8	457	12	36.0	43.4	0.	58.5	53.2	85.0	79.7
12	27	8	457	16	37.4	44.1	0.	58.4	55.6	85.2	80.2
12	27	8	457	20	38.4	42.0	0.	58.1	50.7	87.2	80.2
12	28	8	458	0	38.1	42.0	0.	58.1	55.6	82.1	80.6
12	28	8	458	4	38.4	43.0	0.	55.5	51.5	86.0	80.3
12	28	8	458	8	40.4	43.1	0.0	57.4	54.0	87.7	82.2
12	28	8	458	12	41.5	43.3	0.	57.7	56.5	87.6	82.6
12	28	8	458	16	44.1	43.9	0.0	58.1	49.6	84.0	82.5
12	28	8	458	20	49.4	44.4	0.	54.2	50.3	90.7	82.7
12	29	8	459	0	51.2	44.2	0.0	54.3	57.8	88.3	84.0
12	29	8	459	4	51.4	44.3	0.	53.9	50.2	89.3	83.8
12	29	8	459	8	51.5	43.9	0.	54.8	52.4	86.4	82.5
12	29	8	459	12	51.	43.9	0.0	57.8	55.6	88.4	81.7
12	31	8	461	12	42.7	44.2	0.	58.1	56.2	86.4	82.3
12	31	8	461	16	35.4	43.7	0.	53.8	53.8	88.4	83.7
12	31	8	461	20	31.7	43.6	0.	58.2	54.5	87.5	83.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
9	27	7	0	0	*****	81.5	82.5	81.9	81.5	78.0	75.7
9	28	7	1	0	*****	76.5	72.2	76.7	70.8	82.9	73.7
9	29	7	2	0	*****	75.3	78.6	79.2	70.1	96.6	81.0
9	30	7	3	0	*****	73.8	81.9	81.3	78.2	92.2	84.1
10	1	7	4	0	*****	73.2	81.3	81.8	82.1	88.7	83.9
10	2	7	5	0	*****	73.2	82.3	82.4	83.7	86.4	82.7
10	3	7	6	0	*****	73.2	92.2	88.8	86.4	86.2	82.2
10	4	7	7	0	*****	73.2	99.8	104.8	91.5	88.9	82.9
10	5	7	8	0	*****	73.2	104.2	127.8	115.5	96.3	86.2
10	6	7	9	0	*****	73.2	106.8	136.3	122.0	99.5	88.7
10	7	7	10	0	*****	73.2	106.7	143.4	128.9	102.0	88.8
10	8	7	11	0	*****	73.2	106.5	147.9	135.1	103.1	85.3
10	9	7	12	0	*****	62.1	105.5	150.5	139.8	103.0	81.3
10	10	7	13	0	*****	62.4	105.4	150.2	140.7	101.4	79.1
10	11	7	14	0	*****	62.4	101.4	149.4	140.8	100.1	77.8
10	12	7	15	0	*****	63.1	97.1	151.3	144.7	104.5	79.8
10	13	7	16	0	*****	63.8	103.2	152.6	148.3	107.7	82.5
10	14	7	17	0	*****	65.5	107.9	153.1	149.6	107.6	84.1
10	15	7	18	0	*****	66.5	109.2	153.5	150.5	110.3	87.1
10	16	7	19	0	*****	67.4	106.5	153.3	150.8	111.7	90.7
10	17	7	20	0	*****	69.2	107.4	152.4	149.1	109.6	90.5
10	18	7	21	0	*****	70.8	106.4	149.8	145.6	106.5	86.8
10	19	7	22	0	*****	71.4	107.5	146.6	141.3	103.2	83.4
10	20	7	23	0	*****	71.2	106.8	144.8	138.2	99.7	78.6
10	21	7	24	0	*****	69.8	106.2	143.6	147.6	98.4	76.8
10	22	7	25	0	*****	69.1	104.2	141.6	133.8	94.9	71.6
10	23	7	26	0	*****	69.8	102.7	140.5	133.0	93.9	70.4
10	24	7	27	0	*****	69.4	102.9	140.4	132.6	93.8	69.8
10	25	7	28	0	*****	69.7	103.5	140.7	132.7	94.1	69.5
10	26	7	29	0	*****	69.5	103.8	141.4	133.2	94.5	69.4
10	27	7	30	0	*****	70.7	103.7	142.0	133.3	95.1	69.8
10	28	7	31	0	*****	71.8	103.9	142.5	133.3	96.1	70.5
10	29	7	32	0	*****	71.0	103.8	142.7	132.6	96.2	71.0
10	30	7	33	0	*****	70.2	101.7	142.3	131.8	95.9	71.3
10	31	7	34	0	*****	67.7	102.1	141.4	129.9	95.4	71.0
11	1	7	35	0	*****	66.1	103.4	141.5	128.6	95.0	70.4
11	2	7	36	0	*****	64.8	103.5	141.7	126.9	94.0	69.9
11	3	7	37	0	*****	64.4	103.1	141.2	124.7	93.1	69.3
11	4	7	38	0	*****	65.6	102.3	139.[illegible]	120.8	91.2	68.6
11	5	7	39	0	*****	66.7	101.6	137.2	117.2	89.6	68.4
11	6	7	40	0	*****	66.2	98.2	134.5	113.5	88.6	65.3
11	7	7	41	0	*****	66.6	97.2	133.9	110.5	87.6	67.8
11	8	7	42	0	*****	65.2	97.5	132.9	107.7	88.5	67.0
11	9	7	43	0	*****	65.2	98.3	133.5	106.1	86.2	66.2
11	10	7	44	0	*****	63.1	97.8	134.4	105.6	86.4	65.7
11	11	7	45	0	*****	62.2	96.4	136.1	106.0	86.7	65.8
11	13	7	47	0	*****	65.7	99.3	137.7	105.9	88.1	65.8
11	14	7	48	0	*****	64.2	96.4	137.8	104.9	89.1	66.5
11	15	7	49	0	*****	62.6	97.7	139.2	106.3	91.8	67.5
11	16	7	50	0	*****	62.3	97.9	140.5	106.6	94.0	68.4
11	17	7	51	0	*****	60.7	98.1	142.3	99.6	97.8	70.5
11	18	7	52	0	*****	59.4	99.2	143.3	94.8	100.9	77.2
11	19	7	53	0	*****	61.9	99.1	143.9	91.5	103.0	71.0
11	20	7	54	0	*****	65.3	100.1	144.3	90.9	103.3	70.6

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T6
11	21	7	55	0	*****	63.5	90.7	144.3	76.5	104.7	71.7
11	22	7	56	0	*****	63.7	89.7	144.5	75.2	105.7	72.9
11	27	7	61	0	*****	65.4	88.7	143.5	145.6	110.1	75.3
11	28	7	62	0	*****	63.2	88.0	142.7	144.4	109.6	75.2
11	29	7	63	0	*****	63.0	87.2	141.8	142.8	107.8	74.2
11	30	7	64	0	*****	63.1	86.6	140.9	141.5	106.2	73.2
12	1	7	65	0	*****	62.2	86.0	140.0	140.9	105.2	72.3
12	2	7	66	0	*****	60.7	84.8	137.7	138.2	101.5	71.0
12	3	7	67	0	*****	62.6	83.8	132.3	133.4	96.7	69.4
12	4	7	68	0	*****	56.8	81.4	127.4	129.8	91.7	67.0
12	5	7	69	0	*****	54.1	81.4	126.4	123.5	89.4	65.9
12	6	7	70	0	*****	54.3	81.1	125.3	119.3	87.3	65.0
12	7	7	71	0	*****	54.7	84.5	125.5	119.4	87.4	65.2
12	8	7	72	0	*****	54.5	87.7	118.7	115.5	85.5	64.2
12	9	7	73	0	*****	53.3	86.3	114.5	113.1	84.2	63.4
12	10	7	74	0	*****	54.1	87.7	109.0	109.6	81.4	63.0
12	11	7	75	0	*****	57.2	90.5	140.7	141.3	104.1	75.0
12	12	7	76	0	61.	58.1	88.3	137.	141.1	104.1	85.3
12	13	7	77	0	.*	.*	.*	116.3	98.3	75.8	61.2
12	14	7	78	0	.*	.*	.*	110.6	97.6	74.7	60.7
12	15	7	79	0	.*	.*	.*	104.5	94.3	72.6	60.1
12	16	7	80	0	54.4	87.1	4.7	101.3	92.5	72.1	60.5
12	17	7	81	0	57.	.*	.*	107.2	91.2	71.7	61.1
12	18	7	82	0	55.3	.*	.*	107.8	93.6	71.8	60.7
12	19	7	83	0	57.8	.*	.*	105.2	89.6	70.1	60.4
12	20	7	84	0	61.3	.*	.*	103.3	86.5	69.6	60.2
12	21	7	85	0	.*	.*	.*	101.5	85.6	69.4	59.4
12	22	7	86	0	.*	.*	.*	102.1	87.9	68.5	59.7
12	23	7	87	0	.*	.*	.*	107.4	77.8	68.0	59.6
12	24	7	88	0	.*	.*	.*	95.6	76.9	66.6	59.7
12	25	7	89	0	.*	.*	.*	92.4	.*	65.8	59.3
12	26	7	90	0	.*	.*	.*	97.6	.*	68.7	61.0
12	27	7	91	0	.*	.*	.*	101.0	79.4	68.6	61.0
12	28	7	92	0	.*	.*	.*	107.1	82.7	69.5	61.2
12	29	7	93	0	.*	.*	.*	106.7	82.6	69.6	60.2
12	30	7	94	0	.*	.*	.*	111.4	82.3	67.4	59.3
1	1	8	95	0	.*	.*	.*	111.5	82.1	67.1	58.4
1	2	8	96	0	.*	.*	.*	.*	81.1	66.4	58.0
1	3	8	97	0	.*	.*	.*	92.7	81.1	66.1	58.0
1	4	8	98	0	.*	.*	.*	.*	81.1	66.4	58.2
1	5	8	99	0	.*	.*	.*	.*	81.3	66.3	58.2
1	6	8	100	0	.*	.*	.*	.*	.*	65.8	58.5
1	7	8	101	0	.*	.*	.*	94.5	79.2	65.5	57.7
1	8	8	102	0	.*	.*	.*	94.1	78.1	65.1	57.6
1	9	8	103	0	.*	.*	.*	93.4	78.1	65.1	58.0
1	10	8	104	0	.*	.*	.*	92.5	78.6	65.2	58.1
1	11	8	105	0	.*	.*	.*	91.5	77.3	64.5	58.0
1	12	8	106	0	.*	.*	.*	91.5	77.4	.*	58.7
1	13	8	107	0	.*	.*	.*	91.5	77.2	64.7	58.1
1	14	8	108	0	.*	.*	.*	91.7	78.7	64.3	57.1
1	15	8	109	0	.*	.*	.*	91.7	77.6	64.2	56.7
1	16	8	110	0	.*	.*	.*	92.2	78.7	64.5	56.5
1	17	8	111	0	.*	.*	.*	91.6	78.7	63.4	56.7

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
1	13	8	113	0	65.6	69.3	75.4	79.6	74.2	63.1	56.5
1	14	8	114	0	67.7	67.3	74.1	79.1	75.9	63.1	56.7
1	20	8	115	0	68.4	69.3	74.4	78.9	75.5	63.1	56.9
1	22	8	117	0	59.3	64.3	75.8	77.4	74.6	63.2	57.1
1	23	8	118	0	58.	67.3	74.6	77.1	74.5	63.4	57.4
1	24	8	119	0	59.3	63.3	74.1	76.8	74.1	63.6	58.5
1	25	8	120	0	58.4	62.4	74.1	76.6	73.9	63.9	59.1
1	26	8	121	0	58.5	63.	74.1	76.3	73.7	64.1	59.4
1	27	8	122	0	58.5	62.3	74.3	76.3	73.5	64.2	59.1
1	28	8	123	0	56.4	60.5	74.3	75.9	73.3	64.1	58.8
1	29	8	124	0	58.1	63.	74.0	75.9	73.2	64.0	58.7
1	30	8	125	0	61.8	64.6	73.1	75.8	73.1	64.3	59.5
1	31	8	126	0	61.5	65.1	73.8	75.5	73.3	64.4	59.5
2	1	8	127	0	58.3	64.4	74.7	75.8	73.3	64.5	59.3
2	2	8	128	0	60.4	63.8	75.1	75.9	73.5	64.4	59.0
2	3	8	129	0	59.4	64.0	75.3	75.4	73.3	64.2	58.9
2	4	8	130	0	60.3	64.1	75.5	76.4	73.5	64.2	58.8
2	5	8	131	0	59.4	64.3	75.2	76.4	73.5	64.3	58.9
2	6	8	132	0	60.2	64.3	75.5	77.0	73.1	64.4	59.1
2	7	8	133	0	59.3	62.3	74.4	77.2	73.3	64.5	59.2
2	8	8	134	0	58.2	61.0	74.3	77.3	73.2	64.7	59.4
2	9	8	135	0	58.1	60.3	74.2	77.7	74.4	65.0	59.8
2	10	8	136	0	54.3	61.1	74.2	77.8	74.5	65.2	60.3
2	11	8	137	0	63.6	63.0	73.4	77.7	74.8	65.4	60.9
2	12	8	138	0	55.	59.1	73.7	77.3	74.5	65.5	61.1
2	13	8	139	0	58.1	60.3	71.7	77.1	74.4	65.5	60.8
2	14	8	140	0	60.3	60.3	71.3	76.9	74.3	65.5	61.2
2	15	8	141	0	59.2	59.1	71.4	77.1	74.1	65.4	60.4
2	16	8	142	0	56.2	59.3	71.6	77.3	74.1	65.3	59.4
2	17	8	143	0	54.3	58.6	72.2	77.5	74.1	64.8	58.9
2	18	8	144	0	56.3	59.3	73.3	78.1	74.5	64.1	58.5
2	21	8	147	0	62.4	62.3	71.5	73.2	74.3	64.2	58.5
2	22	8	148	0	58.4	60.1	74.1	74.2	74.3	64.4	58.2
2	23	8	149	0	58.3	61.3	74.4	73.8	74.7	64.5	59.4
2	24	8	150	0	58.4	62.3	73.7	74.8	74.4	64.5	59.3
2	25	8	151	0	59.	62.3	73.1	74.4	74.2	64.6	59.4
2	26	8	152	0	60.4	64.4	71.	75.1	74.3	64.3	59.2
2	27	8	153	0	63.	64.3	71.6	75.4	73.8	64.4	58.8
2	28	8	154	0	62.3	63.3	71.6	75.2	73.5	64.3	58.8
2	29	8	155	0	61.4	63.3	71.5	74.8	73.3	64.1	58.3
3	1	8	156	0	61.4	63.4	71.8	74.7	73.1	64.1	58.1
3	2	8	157	0	61.4	63.2	72.1	74.3	72.9	64.0	58.5
3	3	8	158	0	61.3	61.2	72.3	74.1	72.5	64.1	59.1
3	4	8	159	0	61.4	61.4	73.2	73.7	72.8	64.4	59.7
3	5	8	160	0	61.4	61.3	73.3	73.4	72.4	64.6	59.5
3	6	8	161	0	61.2	61.4	73.4	73.0	72.3	64.2	57.9
3	7	8	162	0	61.5	62.4	74.3	73.7	72.7	64.2	58.2
3	8	8	163	0	61.1	62.4	74.2	73.3	72.5	64.4	58.2
3	9	8	164	0	62.1	62.2	75.2	73.1	71.9	64.5	58.9
3	10	8	165	0	59.4	61.1	75.4	73.2	71.7	64.4	58.9
3	11	8	166	0	62.3	62.5	75.3	71.8	71.5	64.4	58.9
3	11	8	166	0	60.3	61.3	75.3	71.8	71.5	64.4	59.0
3	11	8	166	0	60.1	62.1	75.3	71.8	71.6	64.4	59.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T6	T5	T15	T14	T8	T9
3	11	8	166	12	45.3	52.4	65.3	71.9	71.6	64.4	59.0
3	11	8	166	16	47.4	52.6	65.9	71.9	71.6	64.5	59.0
3	11	8	166	21	42.4	53.4	65.3	71.9	71.6	64.5	59.1
3	12	8	167	0	41.8	53.1	65.7	71.9	71.5	64.5	59.2
3	12	8	167	4	41.4	52.7	65.5	71.8	71.5	64.5	59.2
3	12	8	167	8	41.3	52.1	65.3	71.8	71.5	64.5	59.1
3	12	8	167	12	41.2	51.9	65.2	71.8	71.5	64.5	59.0
3	12	8	167	16	41.4	51.5	65.0	71.7	71.5	64.5	59.0
3	12	8	167	21	41.6	51.3	64.9	71.6	71.5	64.5	58.9
3	13	8	168	0	41.5	51.2	64.8	71.7	71.5	64.5	58.9
3	13	8	168	4	41.4	51.1	64.8	71.7	71.5	64.5	58.9
3	13	8	168	8	41.6	51.2	64.8	71.9	71.5	64.5	58.8
3	13	8	168	12	41.6	51.3	65.2	71.9	71.4	64.4	58.6
3	13	8	168	17	41.2	51.5	65.2	71.9	71.4	64.5	58.6
3	14	8	168	21	41.7	51.8	65.1	71.9	71.4	64.4	58.6
3	14	8	169	0	41.5	52.5	64.9	71.7	71.4	64.4	58.8
3	14	8	169	4	41.7	52.4	64.8	71.7	71.4	64.4	59.2
3	14	8	169	8	41.6	52.3	64.8	71.6	71.4	64.5	59.3
3	14	8	169	12	41.6	52.3	64.8	71.6	71.4	64.5	59.5
3	14	8	169	17	41.1	52.3	64.8	71.5	71.3	64.5	59.6
3	14	8	169	21	41.2	52.3	64.7	71.5	71.3	64.5	59.7
3	15	8	170	0	41.1	52.1	64.7	71.5	71.3	64.5	59.7
3	15	8	170	4	40.9	52.1	64.6	71.3	71.2	64.7	59.8
3	15	8	170	8	40.8	52.1	64.6	71.3	71.2	64.7	59.8
3	15	8	170	12	40.9	51.9	64.7	71.3	71.2	64.7	59.8
3	15	8	170	16	41.0	52.0	64.7	71.3	71.2	64.7	59.7
3	15	8	170	20	41.2	51.9	64.7	71.3	71.2	64.7	59.7
3	16	8	171	0	41.1	51.9	64.6	71.3	71.2	64.7	59.7
3	16	8	171	4	41.0	51.8	64.6	71.3	71.2	64.7	59.6
3	16	8	171	8	41.2	51.8	64.5	71.3	71.2	64.7	59.6
3	16	8	171	12	41.1	51.8	64.5	71.2	71.1	64.7	59.5
3	16	8	171	16	41.1	51.8	64.4	71.2	71.1	64.7	59.6
3	16	8	171	20	41.1	51.8	64.4	71.2	71.1	64.7	59.6
3	16	8	172	0	41.1	51.7	64.4	71.1	71.1	64.6	59.5
3	16	8	172	4	41.2	51.7	64.3	71.1	71.0	64.5	59.2
3	16	8	172	8	41.2	51.7	64.3	71.1	71.0	64.5	59.2
3	16	8	172	12	41.2	51.7	64.3	71.1	71.0	64.4	59.2
3	16	8	172	16	41.1	51.6	64.3	71.1	71.0	64.5	59.2
3	16	8	172	20	41.2	51.6	64.3	71.1	71.0	64.5	59.3
3	16	8	173	0	41.1	51.6	64.3	71.1	71.0	64.5	59.3
3	16	8	173	4	41.1	51.6	64.3	71.1	71.0	64.5	59.4
3	16	8	173	8	41.2	51.6	64.3	71.1	71.0	64.5	59.5
3	16	8	173	12	41.2	51.6	64.3	71.1	71.0	64.5	59.5
3	16	8	173	16	41.2	51.6	64.3	71.1	70.9	64.5	59.5
3	16	8	173	20	41.2	51.6	64.3	71.1	70.9	64.5	59.5
3	17	8	174	0	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	17	8	174	4	41.2	51.6	64.3	71.1	70.9	64.5	59.5
3	17	8	174	8	41.2	51.6	64.3	71.1	70.9	64.5	59.5
3	17	8	174	12	41.2	51.6	64.3	71.1	70.9	64.5	59.5
3	17	8	174	16	41.2	51.6	64.3	71.1	70.9	64.5	59.5
3	17	8	174	20	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	18	8	175	0	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	18	8	175	4	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	18	8	175	8	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	18	8	175	12	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	18	8	175	16	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	18	8	175	20	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	19	8	176	0	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	19	8	176	4	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	19	8	176	8	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	19	8	176	12	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	19	8	176	16	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	19	8	176	20	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	20	8	177	0	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	20	8	177	4	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	20	8	177	8	41.2	51.6	64.3	71.1	70.9	64.5	59.4
3	20	8	177	12	41.2	51.6	64.3	71.1	70.9	64.6	60.0
3	20	8	177	16	41.2	51.6	64.3	71.1	70.9	64.6	60.1
3	20	8	177	20	41.2	51.6	64.3	71.0	70.9	64.7	60.2
3	21	8	178	0	41.2	51.6	64.3	71.0	70.9	64.7	60.2
3	21	8	178	4	41.2	51.6	64.3	71.0	70.9	64.7	60.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
3	21	8	176	8	42.6	51.5	64.8	71.0	70.8	64.8	60.3
3	21	8	176	12	42.8	51.4	64.9	71.0	70.8	64.8	60.4
3	21	8	176	16	43.2	51.3	65.1	71.0	70.8	64.8	60.5
3	21	8	176	20	43.8	51.2	65.4	71.0	70.8	64.9	60.7
3	22	8	177	0	44.4	51.2	65.5	71.1	70.8	64.9	60.7
3	22	8	177	4	44.9	51.3	65.6	71.1	70.9	65.0	60.6
3	22	8	177	8	46.1	51.4	65.6	71.1	70.9	65.0	60.6
3	22	8	177	12	44.2	51.6	65.5	71.0	70.8	65.0	60.5
3	22	8	177	16	43.5	51.7	65.6	71.0	70.8	65.0	60.6
3	22	8	177	20	42.0	51.6	65.8	71.0	70.8	65.0	60.7
3	23	8	178	0	42.1	51.5	65.9	71.0	70.8	65.1	60.8
3	23	8	178	4	42.9	51.4	65.9	71.2	71.0	65.1	60.9
3	23	8	178	8	44.0	51.3	65.9	71.2	71.0	65.1	61.0
3	23	8	178	12	46.0	52.7	66.1	71.5	71.1	65.3	61.7
3	23	8	178	16	43.2	53.7	66.3	71.5	71.1	65.4	62.0
3	23	8	178	20	42.0	53.4	66.5	71.5	71.1	65.5	62.2
3	24	8	179	1	41.9	52.9	66.7	71.5	71.1	65.6	62.1
3	24	8	179	5	41.4	52.5	66.8	71.6	71.1	65.7	62.0
3	24	8	179	8	41.4	52.3	66.9	71.6	71.1	65.7	62.0
3	24	8	179	11	41.3	52.1	66.9	71.6	71.1	65.7	61.8
3	24	8	179	25	41.8	51.7	66.5	71.6	71.2	65.8	61.5
3	24	8	179	22	41.8	51.7	66.5	71.6	71.2	65.6	61.4
3	25	8	180	2	41.7	51.6	66.5	71.6	71.2	65.8	61.4
3	25	8	180	11	43.1	51.6	66.5	71.6	71.2	65.8	61.4
3	25	8	180	14	43.2	51.6	66.5	71.7	71.2	65.8	61.3
3	25	8	180	16	44.2	51.7	66.4	71.7	71.2	65.8	61.3
3	25	8	180	18	43.8	52.3	66.3	71.7	71.2	65.8	61.3
3	25	8	180	21	43.7	52.5	66.2	71.6	71.2	65.7	61.3
3	26	8	181	0	44.1	52.3	66.2	71.5	71.2	65.7	61.3
3	26	8	181	4	44.8	52.2	66.5	71.5	71.2	65.8	61.4
3	26	8	181	8	45.5	52.1	66.4	71.5	71.3	65.7	61.5
3	26	8	181	12	44.9	52.1	66.5	71.5	71.3	65.8	61.7
3	26	8	181	16	41.6	52.1	66.3	71.5	71.3	65.8	61.8
3	26	8	181	20	41.5	51.8	66.2	71.4	71.3	65.8	61.9
3	27	8	182	0	41.5	51.6	66.1	71.4	71.3	65.8	62.1
3	27	8	182	4	42.3	51.4	66.1	71.4	71.3	65.4	62.1
3	27	8	182	8	42.6	51.3	66.3	71.4	71.3	65.4	62.0
3	27	8	182	12	42.0	51.1	66.4	71.4	71.3	65.8	60.8
3	27	8	182	16	41.6	51.2	66.7	71.4	71.3	65.8	60.7
3	27	8	182	20	42.5	51.2	66.8	71.4	71.3	65.7	60.7
3	28	8	183	0	42.6	51.2	66.4	71.5	71.3	65.7	60.6
3	28	8	183	4	42.5	51.1	66.3	71.5	71.3	65.6	60.5
3	28	8	183	8	42.2	51.1	66.3	71.5	71.3	65.6	60.3
3	28	8	183	12	45.4	51.1	66.3	71.5	71.4	65.5	60.1
3	28	8	183	16	44.6	51.3	66.3	71.5	71.4	65.5	60.0
3	28	8	183	20	43.3	51.4	66.2	71.5	71.4	65.4	59.8
3	29	8	184	0	42.4	51.4	66.1	71.5	71.4	65.4	59.6
3	29	8	184	4	42.6	51.4	66.2	71.5	71.4	65.3	59.5
3	29	8	184	8	42.5	51.3	66.2	71.6	71.4	65.2	59.3
3	29	8	184	12	43.1	51.3	66.1	71.6	71.4	65.2	59.2
3	29	8	184	16	42.4	51.2	66.1	71.6	71.4	65.1	59.1
3	29	8	184	20	42.5	51.2	66.1	71.6	71.4	65.1	59.1
3	30	8	185	0	42.3	51.2	66.2	71.6	71.4	65.0	59.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
3	30	8	195	4	42.2	51.1	66.4	71.6	71.4	65.0	58.9
3	30	8	195	8	41.8	51.1	66.4	71.7	71.4	64.9	58.9
3	30	8	195	12	41.9	51.1	66.3	71.6	71.4	64.8	58.8
3	30	8	195	16	42.2	51.2	66.3	71.6	71.4	64.8	58.9
3	30	8	195	20	42.7	51.3	66.2	71.6	71.5	64.8	58.9
3	31	8	196	0	43.1	51.3	66.2	71.6	71.5	64.7	58.9
3	31	8	196	4	43.7	51.1	66.2	71.6	71.5	64.7	58.8
3	31	8	196	8	43.2	51.2	66.4	71.8	71.5	64.7	58.7
3	31	8	196	12	49.3	51.3	66.4	71.9	71.5	64.6	58.7
3	31	8	196	16	51.7	52.2	66.2	71.8	71.5	64.6	58.8
3	31	8	196	20	52.0	52.2	66.2	71.9	71.4	64.6	59.1
4	1	8	197	0	48.1	51.2	66.2	71.6	71.5	64.7	58.9
4	1	8	197	4	47.7	51.1	66.2	71.6	71.5	64.7	58.8
4	1	8	197	8	48.2	51.2	66.4	71.8	71.5	64.7	58.7
4	1	8	197	12	46.3	51.2	66.4	71.9	71.5	64.6	58.7
4	1	8	197	16	51.7	52.2	66.2	71.8	71.5	64.6	58.8
4	1	8	197	20	52.0	52.3	66.2	71.9	71.4	64.6	59.1
4	2	8	198	0	45.2	51.2	66.2	71.4	71.3	64.6	61.3
4	2	8	198	4	51.2	52.2	66.2	71.4	71.2	64.7	61.3
4	2	8	198	8	52.7	52.3	66.2	71.4	70.8	64.7	61.3
4	2	8	198	12	52.1	52.3	66.2	71.6	70.8	64.6	61.3
4	2	8	198	16	51.2	52.2	66.1	71.5	70.8	64.8	61.2
4	2	8	198	20	51.6	52.2	66.1	71.5	70.8	64.8	61.2
4	3	8	199	0	51.2	52.2	66.1	71.5	70.9	64.8	61.1
4	3	8	199	4	51.4	52.2	66.2	71.5	70.8	64.8	61.2
4	3	8	199	8	51.2	52.2	66.3	71.5	70.8	64.8	61.2
4	3	8	199	12	51.7	52.2	66.3	71.5	70.9	64.8	60.8
4	3	8	199	16	51.4	52.2	66.2	71.6	70.8	64.8	60.8
4	3	8	199	20	51.6	52.2	66.2	71.4	70.8	64.8	60.6
4	4	8	200	0	51.2	52.2	66.1	71.7	70.8	64.8	59.6
4	4	8	200	4	51.7	52.2	66.1	71.7	70.8	64.8	59.7
4	4	8	200	8	51.8	52.2	66.1	71.7	71.8	64.7	59.5
4	4	8	200	12	54.3	52.2	66.1	71.7	71.8	64.7	59.5
4	4	8	200	16	54.2	52.2	66.1	71.7	71.8	64.7	59.5
4	4	8	200	20	54.5	52.3	66.2	71.7	71.8	64.7	59.4
4	4	8	200	21	54.7	52.5	66.5	71.7	71.8	64.6	59.3
4	11	8	207	0	55.1	52.7	66.8	71.7	71.8	64.6	59.3
4	11	8	207	4	54.5	52.7	66.7	71.7	71.8	64.5	59.3
4	11	8	207	8	54.5	52.7	66.7	71.7	71.8	64.5	59.3
4	11	8	207	8	54.2	52.1	66.6	71.7	71.8	64.5	59.3
4	11	8	207	12	53.8	52.2	66.7	71.7	71.8	64.5	59.3
4	11	8	207	16	53.2	52.4	66.7	71.7	71.8	64.4	59.1
4	11	8	207	20	53.2	52.5	66.7	71.7	71.8	64.5	59.4
4	12	8	208	4	53.2	52.5	66.7	71.7	71.8	64.5	59.5
4	12	8	208	8	54.2	52.6	66.7	71.7	71.8	64.5	59.5
4	12	8	208	12	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	12	8	208	16	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	12	8	208	20	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	13	8	209	0	54.1	52.6	66.7	71.7	71.8	64.5	59.4
4	13	8	209	4	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	13	8	209	8	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	13	8	209	12	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	13	8	209	16	54.2	52.6	66.7	71.7	71.8	64.5	59.4
4	13	8	209	20	54.2	52.6	66.7	71.7	71.8	64.5	59.4

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	MO	HR	T7	T6	T5	T15	T14	T3	T2
4	14	8	200		0	54.0	58.6	71.1	71.9	71.0	64.4	59.3
4	14	8	200		3	53.4	58.6	71.1	71.9	71.0	64.4	59.2
4	14	8	200		8	53.8	58.6	71.1	71.9	71.0	64.4	59.0
4	14	8	200		11	53.7	58.1	71.1	71.9	71.0	64.3	58.9
4	14	8	200		15	53.2	58.1	71.4	72.0	71.0	64.3	58.8
4	14	8	200		20	54.0	58.1	71.5	72.0	71.0	64.3	58.7
4	15	8	201		0	53.4	58.1	71.5	72.0	71.0	64.2	58.6
4	15	8	201		4	52.8	58.1	71.5	72.0	71.0	64.2	58.5
4	15	8	201		8	53.5	58.1	71.5	72.1	71.0	64.1	58.5
4	15	8	201		12	52.1	58.2	71.4	72.1	71.1	64.1	58.5
4	15	8	201		16	51.7	58.2	71.3	72.3	71.1	64.1	58.6
4	15	8	201		19	52.9	58.2	71.4	72.3	71.1	64.1	58.7
4	16	8	202		0	51.6	58.2	71.5	72.3	71.2	64.1	58.9
4	16	8	202		3	52.9	58.2	71.5	72.3	71.2	64.1	59.0
4	16	8	202		8	51.5	58.1	71.3	72.3	71.2	64.1	59.2
4	16	8	202		12	50.7	58.5	71.3	72.4	71.2	64.1	59.3
4	16	8	202		16	53.5	58.5	71.3	72.4	71.2	64.2	59.5
4	16	8	202		20	51.7	58.4	71.2	72.4	71.2	64.2	59.6
4	17	8	203		3	50.4	58.3	71.2	72.4	71.2	64.2	59.7
4	17	8	203		11	51.6	58.1	71.3	72.4	71.2	64.3	59.5
4	17	8	203		12	52.	58.	71.	72.5	71.2	64.3	59.5
4	17	8	203		15	51.4	58.3	71.	72.5	71.3	64.3	59.5
4	17	8	203		19	51.6	58.	71.	72.5	71.3	64.3	59.5
4	17	8	203		20	52.	58.2	71.	72.5	71.2	64.3	59.4
4	18	8	204		3	51.7	58.3	71.	72.5	71.3	64.4	59.2
4	18	8	204		4	51.7	58.2	71.	72.5	71.3	64.3	59.1
4	18	8	204		8	51.7	58.2	71.1	72.5	71.3	64.3	59.0
4	18	8	204		12	52.1	58.3	71.1	72.5	71.4	64.3	58.9
4	18	8	204		15	51.6	58.3	71.	72.5	71.	64.3	58.8
4	18	8	204		19	51.7	58.	71.	72.4	71.4	64.3	58.8
4	19	8	205		3	50.4	58.	71.1	72.5	71.4	64.2	58.6
4	19	8	205		8	51.1	58.2	71.	72.5	71.4	64.2	58.4
4	19	8	205		12	50.4	58.3	71.	72.5	71.4	64.1	58.3
4	19	8	205		16	52.3	58.4	71.1	72.6	71.4	64.1	58.2
4	19	8	205		21	50.3	58.3	71.2	72.6	71.4	64.0	58.2
4	20	8	206			1.7	58.3	71.3	72.6	71.4	64.0	58.1
4	20	8	206		3	51.5	58.3	71.3	72.6	71.4	64.0	58.0	
4	20	8	206		8	51.	58.	71.4	72.6	71.4	64.0	57.9
4	20	8	206		12	50.7	58.4	71.4	72.7	71.5	63.9	57.8
4	20	8	206		16	51.1	58.3	71.3	72.7	71.5	63.9	57.7
4	20	8	206		19	50.4	58.1	71.3	72.7	71.5	63.9	57.7
4	21	8	207		3	50.3	58.2	71.4	72.7	71.5	63.8	57.6
4	21	8	207		8	50.	58.3	71.4	72.8	71.5	63.7	57.5
4	21	8	207		12	49.5	58.2	71.4	72.8	71.5	63.7	57.5
4	21	8	207		16	49.7	58.3	71.4	72.8	71.5	63.7	57.4
4	21	8	207		19	49.7	58.2	71.4	72.8	71.5	63.7	57.4
4	22	8	208		3	49.5	58.2	71.4	72.8	71.5	63.6	57.4
4	22	8	208		8	49.1	58.1	71.4	72.8	71.5	63.6	57.4
4	22	8	208		12	50.1	58.2	71.4	72.8	71.6	63.5	57.4
4	22	8	208		16	51.3	58.3	71.4	72.8	71.6	63.5	57.4
4	22	8	208		19	51.4	58.3	71.4	72.9	71.6	63.5	57.4

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
4	22	8	208	22	55.6	55.4	71.3	73.0	71.6	63.5	57.7
4	23	8	209	2	55.6	56.6	71.1	73.0	71.6	63.5	58.0
4	23	8	209	3	55.5	56.7	71.0	73.0	71.6	63.5	58.0
4	23	8	209	6	55.5	56.0	71.4	73.0	71.6	63.6	58.4
4	23	8	209	12	55.1	58.2	70.4	73.0	71.7	63.6	58.6
4	23	8	209	15	56.2	55.3	70.8	73.0	71.7	63.6	58.7
4	23	8	209	22	56.1	55.5	71.1	73.0	71.7	63.7	59.2
4	24	8	210	[illegible]	56.1	59.4	71.1	73.0	71.7	63.8	59.3
4	24	8	210	6	56.4	59.8	71.0	73.0	71.7	63.8	59.5
4	24	8	210	9	56.7	[illegible]	71.1	73.0	71.7	63.9	59.6
4	24	8	210	12	55.5	[illegible]	71.1	73.1	71.7	64.0	59.7
4	24	8	210	16	55.6	[illegible]	71.2	73.1	71.7	64.0	59.7
4	24	8	210	22	55.6	[illegible]	71.4	73.1	71.7	64.1	59.8
4	25	8	211	[illegible]	56.0	[illegible]	71.6	73.1	71.7	64.1	59.9
4	25	8	211	4	55.5	57.4	71.7	73.2	71.7	64.2	60.0
4	25	8	211	7	55.1	[illegible]	71.9	73.2	71.7	64.3	60.1
4	25	8	211	11	54.3	[illegible]	71.8	73.2	71.7	64.3	60.3
4	25	8	211	13	53.2	[illegible]	[illegible]	73.2	71.7	64.3	60.4
4	25	8	211	15	52.6	[illegible]	71.5	73.1	71.7	64.4	60.5
4	26	8	212	6	[illegible]	[illegible]	71.6	73.1	71.7	64.5	61.2
4	26	8	212	8	[illegible]	[illegible]	71.6	73.1	71.7	64.6	60.1
4	26	8	212	12	[illegible]	59.7	71.5	73.1	71.7	64.6	59.9
4	26	8	212	16	[illegible]	[illegible]	71.5	73.0	71.6	64.6	59.8
4	26	8	212	18	[illegible]	[illegible]	71.5	73.1	71.7	[illegible]	59.8
4	26	8	212	22	[illegible]	[illegible]	71.5	[illegible]	71.7	64.6	59.7
4	27	8	213	[illegible]	[illegible]	[illegible]	71.6	73.	71.7	64.8	59.7
4	27	8	213	[illegible]	[illegible]	[illegible]	[illegible]	73.	71.7	64.6	59.6
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.7	72.7	71.5	63.6	57.9
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.6	57.8
5	4	[illegible]	[illegible]	[illegible]	[illegible]	57.[illegible]	[illegible]	72.7	71.5	63.5	57.9
5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.5	57.8
5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.5	57.7
5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.5	57.6
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.4	57.5
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.4	57.5
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.1	72.7	71.4	63.4	57.3
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.7	71.5	63.3	57.1
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.4	63.3	57.1
5	6	[illegible]	[illegible]	11	[illegible]	[illegible]	[illegible]	[illegible]	71.6	63.3	57.0
5	6	[illegible]	[illegible]	14	[illegible]	[illegible]	71.7	[illegible]	71.4	63.2	57.0
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.4	62.9	56.8
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.9	71.4	62.9	57.0
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.9	71.4	62.8	57.0
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.8	71.4	62.8	57.1
5	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.4	62.8	57.2
5	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.4	[illegible]	57.3
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.1	[illegible]	71.4	[illegible]	57.4
5	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.7	72.8	71.4	62.9	57.5
5	7	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	72.8	71.4	62.9	57.5
5	7	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	72.9	71.4	62.9	57.6
5	7	[illegible]	[illegible]	[illegible]	57.[illegible]	[illegible]	[illegible]	72.8	71.5	62.9	57.7
5	7	[illegible]	[illegible]	16	[illegible]	[illegible]	[illegible]	72.8	71.4	[illegible]	57.8
5	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.9	71.4	63.0	58.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
5	8	8	224	0	65.2	65.7	74.4	72.9	71.4	63.0	58.2
5	8	8	224	4	65.0	65.8	74.6	73.0	71.4	63.1	59.3
5	8	8	224	8	65.2	65.0	74.7	73.0	71.4	63.1	59.4
5	8	8	224	12	62.4	64.6	74.8	73.0	71.4	63.2	58.4
5	8	8	224	16	62.5	64.7	75.1	73.0	71.4	63.2	59.5
5	8	8	224	20	61.0	65.9	75.4	73.1	71.4	63.2	58.5
5	9	8	225	0	62.5	65.8	75.5	73.0	71.4	63.3	58.5
5	9	8	225	4	62.8	65.8	75.5	73.1	71.4	63.3	58.5
5	9	8	225	8	62.5	65.9	75.6	73.1	71.4	63.3	58.5
5	9	8	225	12	62.7	65.8	75.6	73.1	71.4	63.4	59.5
5	9	8	225	16	62.5	65.8	75.4	73.1	71.3	63.4	58.5
5	9	8	225	20	62.7	66.1	75.1	73.3	71.4	63.4	58.3
5	10	8	226	0	63.0	65.6	75.3	73.2	71.4	63.4	58.5
5	10	8	226	4	62.5	66.0	75.5	73.2	71.4	63.4	58.5
5	10	8	226	4	63.7	66.3	75.1	73.2	71.4	63.4	58.5
5	10	8	226	4	63.2	66.0	75.1	73.2	71.4	63.4	59.4
5	10	8	226	8	62.4	66.0	75.1	73.3	71.4	63.5	58.4
5	10	8	226	12	62.5	66.1	75.1	73.4	71.5	63.5	58.3
5	11	8	227	0	62.7	66.1	75.1	73.4	71.5	63.4	59.3
5	11	8	227	4	62.5	66.1	75.1	73.4	71.4	63.5	59.3
5	11	8	227	8	63.	66.2	75.3	73.4	71.5	63.4	58.3
5	11	8	227	12	63.1	66.3	75.3	73.5	71.5	63.5	59.3
5	11	8	227	16	63.3	66.2	75.6	73.5	71.5	63.5	58.1
5	11	8	227	20	63.2	66.3	75.6	73.4	71.5	63.5	58.1
5	12	8	228	0	63.	66.4	75.5	73.6	71.6	63.5	58.3
5	12	8	228	4	63.5	66.4	75.8	73.6	71.5	63.5	59.1
5	12	8	228	8	63.2	66.5	75.7	73.6	71.5	63.5	59.1
5	12	8	228	12	63.2	66.7	75.5	73.7	71.6	63.4	59.2
5	12	8	228	16	63.5	66.6	75.4	73.8	71.6	63.5	59.3
5	12	8	228	20	63.	66.8	75.6	73.7	71.7	63.5	59.5
5	13	8	229	0	63.3	66.6	75.4	73.7	71.6	63.5	58.7
5	13	8	229	4	63.3	66.7	75.8	74.0	71.8	63.7	59.8
5	13	8	229	8	63.5	66.8	74.8	74.1	71.8	63.7	59.6
5	13	8	229	12	63.5	66.6	75.6	74.1	71.8	63.7	59.0
5	13	8	229	16	63.1	66.6	75.7	74.1	71.8	63.8	59.1
5	13	8	229	20	62.4	67.0	75.8	74.1	71.8	63.8	59.2
5	14	8	230	0	62.5	67.0	75.5	74.0	71.7	63.8	58.4
5	14	8	230	4	62.7	67.0	75.4	74.1	71.8	63.8	59.7
5	14	8	230	8	62.7	67.0	75.2	74.2	71.9	63.9	60.0
5	14	8	230	12	62.1	66.9	75.3	74.2	71.9	64.0	60.4
5	14	8	230	16	62.7	66.9	75.5	74.2	71.9	64.0	61.6
5	14	8	230	20	62.6	66.9	75.6	74.2	71.9	64.1	60.6
5	15	8	231	0	62.5	66.9	75.3	74.2	71.9	64.2	60.6
5	15	8	231	4	62.5	66.9	75.7	74.2	71.9	64.3	61.7
5	15	8	231	8	62.4	66.9	75.7	74.2	71.9	64.3	60.7
5	15	8	231	12	62.6	66.9	75.7	74.3	71.9	64.3	60.6
5	15	8	231	16	62.7	66.9	75.8	74.3	72.0	64.4	60.6
5	15	8	231	12	62.4	66.8	75.8	74.3	72.0	64.4	60.5
5	16	8	232	0	62.5	66.7	75.8	74.3	71.9	64.4	60.0
5	16	8	232	4	62.8	66.7	77.1	74.3	71.9	64.4	59.9
5	16	8	232	8	63.5	66.7	77.2	74.3	72.0	65.4	59.8
5	16	8	232	14	62.2	66.7	77.2	74.5	72.0	64.4	59.6
5	16	8	232	20	62.4	66.7	77.2	74.5	72.1	64.4	59.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T3	T9
5	17	8	233	9	62.6	66.7	77.1	74.6	72.1	64.4	59.5
5	17	8	233	11	62.6	66.7	77.1	74.6	72.1	64.4	59.5
5	17	8	233	13	62.6	66.7	77.1	74.6	72.1	64.4	59.5
5	17	8	233	15	62.5	66.7	77.0	74.6	72.1	64.3	59.5
5	17	8	233	17	62.5	66.6	77.1	74.6	72.1	64.3	59.5
5	17	8	233	20	62.7	66.7	77.3	74.6	72.1	64.3	59.5
5	18	8	234	0	62.7	66.7	77.4	74.6	72.2	64.3	59.5
5	18	8	234	2	62.8	66.7	77.4	74.7	72.2	64.3	59.5
5	18	8	234	6	62.8	67.8	77.3	74.7	72.2	64.3	59.5
5	18	8	234	9	61.5	66.8	77.1	74.2	72.2	64.3	59.5
5	18	8	234	12	62.4	66.8	77.4	74.8	72.2	64.3	59.5
5	18	8	234	14	62.5	66.8	77.5	74.8	72.2	64.3	59.5
5	20	8	236	9	62.4	66.6	77.1	75.0	72.5	64.6	61.3
5	20	8	236	11	62.3	66.6	77.1	75.1	72.5	64.7	60.9
5	20	8	236	13	61.9	66.7	76.9	75.1	72.5	64.7	61.1
5	20	8	236	15	62.0	66.8	76.7	75.1	72.5	64.7	61.2
5	20	8	236	17	61.9	67.0	76.5	75.1	72.5	64.8	61.3
5	20	8	236	20	62.0	66.9	76.1	75.1	72.5	64.8	61.5
5	21	8	237	0	61.9	66.9	75.7	75.1	72.6	64.9	61.7
5	21	8	237	4	62.1	66.6	75.4	75.1	72.6	65.1	61.8
5	21	8	237	8	62.4	66.6	75.0	75.1	72.5	65.0	62.0
5	21	8	237	12	62.7	66.5	74.7	75.1	72.6	65.1	62.1
5	21	8	237	16	62.7	66.5	74.5	75.2	72.6	65.2	62.3
5	21	8	237	20	62.1	66.5	74.5	75.2	72.6	65.3	62.2
5	22	8	238	0	62.3	66.4	74.5	75.2	72.6	65.3	62.1
5	22	8	238	4	62.2	67.5	74.4	75.2	72.6	65.4	61.9
5	22	8	238	8	62.3	67.3	74.3	75.2	72.6	65.4	61.7
5	22	8	238	12	61.8	66.2	74.0	74.9	72.6	65.4	61.5
5	22	8	238	16	61.4	66.7	73.8	74.9	72.6	65.4	61.4
5	22	8	238	20	62.4	66.1	73.7	74.9	72.7	65.4	61.8
5	23	8	239	0	62.1	66.1	73.7	74.9	72.6	65.4	61.7
5	23	8	239	3	62.6	66.1	73.8	74.9	72.6	65.4	61.7
5	23	8	239	4	62.6	66.1	73.8	74.9	72.6	65.4	61.1
5	23	8	239	8	63.2	66.1	73.8	74.9	72.7	65.4	61.0
5	23	8	239	8	63.2	66.1	73.8	74.9	72.7	65.4	60.9
5	23	8	239	8	63.2	66.1	73.8	74.9	72.7	65.4	60.9
5	24	8	240	0	63.2	66.1	73.8	74.8	72.6	65.1	60.1
5	24	8	240	4	63.1	66.1	73.8	74.7	72.7	65.1	60.0
5	24	8	240	8	63.2	67.1	73.8	74.7	72.7	65.1	60.0
5	24	8	240	12	62.9	66.1	73.8	74.7	72.7	65.0	60.0
5	24	8	240	16	61.8	66.0	73.9	74.7	72.7	65.0	60.0
5	24	8	240	20	61.8	65.9	73.8	74.7	72.7	65.0	60.0
5	25	8	241	0	61.8	66.0	73.8	74.7	72.7	64.9	60.0
5	25	8	241	4	61.8	65.9	73.8	74.6	72.7	64.9	61.1
5	25	8	241	8	61.8	65.8	73.8	74.6	72.7	64.9	60.1
5	25	8	241	12	61.8	65.8	73.7	74.6	72.7	64.9	61.1
5	25	8	241	16	61.8	65.8	73.8	74.5	72.7	64.8	59.1
5	25	8	241	20	62.8	66.7	73.8	74.5	72.7	64.8	59.2
5	26	8	242	0	62.8	66.7	73.8	74.5	72.7	64.8	59.2
5	26	8	242	4	62.8	66.8	73.8	74.4	72.7	64.8	59.2
5	26	8	242	8	63.5	66.7	73.8	74.4	72.7	64.8	59.1
5	26	8	242	8	63.1	66.7	73.8	74.4	72.7	64.8	59.0
5	26	8	242	12	61.6	66.1	73.8	74.4	72.7	64.8	59.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
5	28	8	244	16	61.2	65.0	72.1	74.3	72.6	64.4	59.8
5	28	8	244	15	61.0	65.0	72.2	74.3	72.6	64.4	59.8
5	28	8	245	0	61.1	64.9	72.2	74.3	72.6	64.4	59.8
5	28	8	245	4	61.0	64.8	72.1	74.3	72.6	64.3	59.7
5	28	8	245	8	61.8	64.7	72.0	74.3	72.6	64.3	59.6
5	28	8	245	0	60.9	64.7	71.9	74.3	72.6	64.3	58.5
5	28	8	245	20	61.0	64.7	71.9	74.3	72.6	64.3	59.5
5	28	8	245	23	61.0	64.6	71.8	74.2	72.6	64.2	58.3
5	29	8	246	0	61.1	64.6	71.8	74.2	72.6	64.2	59.3
6	3	8	250	2	63.0	64.6	72.5	72.9	71.6	63.2	59.3
6	3	8	250	15	74.6	66.5	71.5	72.7	71.5	63.2	59.4
6	3	8	250	16	74.6	65.	71.5	72.7	71.5	63.2	59.4
6	3	8	250	19	74.5	65.4	71.5	72.6	71.5	63.2	59.5
6	3	8	250	20	73.4	65.8	71.5	72.6	71.5	63.2	59.6
6	4	8	251	23	73.5	66.3	71.6	72.6	71.4	63.2	59.7
6	4	8	251	0	73.5	66.5	71.6	72.6	71.4	63.2	59.8
6	4	8	251	4	74.1	67.3	71.7	72.5	71.4	63.2	59.8
6	4	8	251	8	74.3	67.7	71.8	72.5	71.3	63.2	59.2
6	4	8	251	12	74.4	68.3	71.8	72.4	71.3	63.3	59.5
6	4	8	251	16	74.5	68.5	71.8	72.4	71.3	63.3	59.8
6	4	8	251	20	74.5	68.6	71.8	72.4	71.3	63.4	59.8
6	5	8	252	0	74.6	68.3	71.8	72.3	71.2	63.5	59.9
6	5	8	252	4	74.6	68.5	71.7	72.3	71.1	63.5	59.8
6	5	8	252	8	75.0	68.8	71.8	72.3	71.1	63.5	59.9
6	5	8	252	12	71.7	7 .	71.1	72.2	71.1	63.4	60.0
6	5	8	252	16	70.2	7 .	72.3	72.2	71.0	63.6	60.0
6	5	8	252	20	69.5	68.8	72.5	72.2	71.1	63.6	59.8
6	6	8	253	0	69.7	68.7	72.1	72.2	71.0	63.7	59.6
6	6	8	253	4	69.4	68.5	72.3	72.2	71.0	63.7	59.7
6	6	8	253	8	71.5	68.4	73.4	72.3	70.9	63.5	59.5
6	7	8	254	0	72.3	68.5	74.5	72.2	70.8	63.5	59.3
6	7	8	254	4	72.0	68.5	73.7	72.2	70.9	63.5	59.1
6	7	8	254	8	73.1	73.3	73.6	72.2	70.9	63.6	58.1
6	7	8	254	12	72.1	73.3	74.5	72.2	71.0	63.3	58.2
6	7	8	254	16	72.5	73.3	74.5	72.2	70.9	63.3	58.3
6	7	8	254	20	72.5	73.3	74.1	72.2	70.8	63.3	58.3
6	8	8	255	0	72.2	71.6	74.2	72.3	71.3	63.3	58.2
6	8	8	255	4	72.3	73.3	74.4	72.3	71.0	63.2	58.1
6	8	8	255	8	72.5	73.7	74.3	72.3	71.3	63.2	57.9
6	8	8	255	12	72.6	73.3	74.5	72.4	71.3	63.2	57.9
6	8	8	255	16	72.3	73.5	74.7	72.4	71.3	63.1	57.9
6	8	8	255	20	71.1	73.3	74.3	72.4	71.3	63.1	57.9
6	9	8	256	0	71.2	71.3	73.3	72.5	71.3	63.1	57.8
6	9	8	256	4	71.	71.5	75.	72.5	71.3	63.1	57.9
6	9	8	256	8	71.2	71.7	75.1	72.5	71.3	63.1	57.8
6	9	8	256	12	70.5	71.4	75.1	72.5	71.3	63.1	58.0
6	9	8	256	16	71.2	71.7	75.2	72.6	71.3	63.0	58.3
6	9	8	256	20	71.0	71.3	75.2	72.6	71.3	63.1	58.5
6	10	8	257	0	71.5	71.5	75.4	72.8	71.3	63.5	62.0
6	10	8	257	14	71.2	71.3	75.4	72.9	71.3	63.7	62.7
6	10	8	257	20	71.5	71.5	75.4	72.5	71.3	64.0	63.3
6	11	8	258	0	71.5	71.4	75.4	72.5	71.3	64.2	63.9
6	11	8	258	5	71.3	71.1	75.3	73.5	71.3	65.5	65.4

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T3	T9
6	11	8	258	8	71.2	71.1	75.3	73.1	71.0	64.7	64.7
6	11	8	258	12	71.3	71.2	75.2	73.1	71.0	65.0	64.8
6	11	8	258	16	71.0	71.2	75.1	73.1	71.0	65.2	64.9
6	11	8	258	20	71.7	71.2	75.1	73.1	71.0	65.4	64.9
6	12	8	259	0	72.0	71.3	75.2	73.2	71.0	65.6	64.9
6	12	8	259	4	71.8	71.3	75.2	73.2	71.1	65.7	65.1
6	12	8	259	8	72.0	71.4	75.3	73.2	71.1	65.9	65.3
6	12	8	259	12	71.6	71.5	75.3	73.2	71.1	66.0	65.5
6	12	8	259	16	71.6	71.5	75.3	73.3	71.2	66.2	65.8
6	12	8	259	20	71.4	71.5	75.4	73.3	71.2	66.4	66.1
6	13	8	260	0	71.3	71.5	75.5	73.4	71.3	66.5	66.3
6	13	8	260	4	71.2	71.5	75.5	73.4	71.3	67.7	67.1
6	13	8	260	8	71.1	71.5	75.5	73.4	71.3	66.8	65.7
6	13	8	260	12	71.4	71.5	75.5	73.5	71.4	66.9	65.2
6	13	8	260	16	71.4	71.5	75.5	73.5	71.4	67.0	65.8
6	13	8	260	20	71.4	71.5	75.4	73.4	71.5	67.0	64.5
6	14	8	261	0	71.4	71.5	75.4	73.6	71.5	67.0	65.1
6	14	8	261	4	71.4	71.5	75.4	73.6	71.6	67.0	63.6
6	14	8	261	8	71.5	71.5	75.4	73.6	71.6	66.9	63.2
6	14	8	261	12	71.6	71.5	75.4	73.6	71.6	66.9	63.0
6	14	8	261	16	71.4	71.5	75.4	73.7	71.7	67.8	62.5
6	14	8	261	20	71.4	71.5	75.4	73.7	71.7	66.8	62.5
6	15	8	262	0	71.4	71.5	75.4	73.7	71.7	66.8	62.5
6	15	8	262	4	71.4	71.4	75.4	73.7	71.7	66.7	62.1
6	15	8	262	8	71.4	71.6	75.4	73.7	71.8	66.5	61.6
6	15	8	262	12	71.4	71.5	75.3	73.7	71.8	66.4	61.1
6	15	8	262	16	71.3	71.4	75.5	73.7	71.9	66.3	61.5
6	15	8	262	20	71.3	71.5	75.5	73.7	71.9	66.1	61.2
6	16	8	263	0	71.4	71.5	75.6	73.8	71.9	66.0	59.9
6	16	8	263	4	71.4	71.5	75.7	73.8	71.9	65.9	59.6
6	16	8	263	8	71.3	71.5	75.7	73.8	72.0	65.8	59.2
6	16	8	263	12	71.3	71.5	75.7	73.8	72.0	65.5	58.9
6	16	8	263	16	71.5	71.5	75.7	73.8	72.0	65.3	59.6
6	16	8	263	20	71.5	71.5	75.9	73.8	72.0	65.1	59.3
6	17	8	264	0	71.5	71.5	76.0	73.9	72.0	64.9	59.1
6	17	8	264	4	71.4	71.5	76.2	73.9	72.1	64.8	57.9
6	17	8	264	8	71.3	71.6	76.1	74.0	72.1	64.7	57.7
6	17	8	264	12	71.4	71.5	76.1	74.0	72.1	64.5	57.6
6	17	8	264	16	71.7	71.7	76.1	74.0	72.1	64.3	57.5
6	17	8	264	20	71.3	71.6	76.0	74.1	72.1	64.2	57.7
6	18	8	265	0	71.4	72.1	75.9	74.1	72.1	64.0	58.0
6	18	8	265	4	71.7	72.4	75.9	74.1	72.1	63.9	58.2
6	18	8	265	8	71.3	72.2	75.9	74.1	72.1	63.8	59.4
6	18	8	265	12	71.-	72.-	76.-	74.1	72.1	63.9	59.6
6	18	8	265	16	69.7	72.1	75.9	74.1	72.1	63.8	59.8
6	18	8	265	20	70.-	72.4	75.9	74.1	72.1	63.8	59.0
6	19	8	266	0	71.-	72.1	75.9	74.1	72.1	63.9	59.1
6	19	8	266	4	71.4	71.9	75.9	74.1	72.1	63.8	59.1
6	19	8	266	8	71.3	71.8	76.0	74.1	72.1	63.9	59.1
6	19	8	266	12	72.0	71.7	76.0	74.1	72.1	63.8	59.1
6	19	8	266	16	71.7	71.7	76.0	74.1	72.1	63.8	59.0
6	19	8	266	20	69.6	71.8	76.0	74.1	72.1	63.8	59.0
6	20	8	267	0	70.8	71.8	76.0	74.1	72.1	63.8	59.0

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	HR	T7	T4	T5	T15	T14	T8	T9
6	20	8	267		4	69.6	71.3	76.1	74.1	72.1	63.8	59.8
6	20	8	267		8	69.5	71.2	76.0	74.1	72.1	63.8	59.8
6	20	8	267		12	70.3	71.0	76.0	74.1	72.1	63.7	59.7
6	20	8	267		16	71.2	71.9	75.9	74.1	72.1	63.7	59.8
6	20	8	267		20	71.7	71.1	75.8	74.1	72.0	63.7	59.0
6	21	8	268		0	71.8	71.3	75.8	74.2	72.0	63.7	59.1
6	21	8	268		4	71.9	71.4	75.8	74.2	72.0	63.7	59.1
6	21	8	268		8	72.0	71.5	75.7	74.2	72.0	63.7	59.1
6	21	8	268		12	71.8	71.5	75.7	74.2	72.0	63.7	59.3
6	21	8	268		16	72.0	71.7	75.6	74.2	72.0	63.7	59.4
6	21	8	268		20	71.8	71.6	75.6	74.2	72.0	63.7	59.5
6	22	8	269		12	71.4	72.1	75.5	74.3	71.9	63.5	59.3
6	24	8	271		16	71.6	72.1	75.5	74.3	71.9	63.5	58.3
6	24	8	271		20	71.6	72.1	75.5	74.3	72.0	63.5	59.4
6	25	8	272		0	71.5	72.0	75.6	74.3	72.0	63.5	59.5
6	25	8	272		4	71.3	72.0	75.6	74.3	72.0	63.5	58.6
6	25	8	272		8	71.6	71.9	75.6	74.3	72.0	63.5	59.8
6	25	8	272		12	71.7	71.8	75.6	74.4	72.0	63.5	58.4
6	25	8	272		16	71.4	71.8	75.6	74.4	72.0	63.5	59.0
6	25	8	272		20	71.6	71.9	75.6	74.5	72.0	63.5	59.1
6	26	8	273		0	71.5	71.8	75.6	74.5	72.0	63.5	59.3
6	26	8	273		4	71.3	71.8	75.6	74.5	72.0	63.6	59.5
6	26	8	273		8	71.6	71.8	75.6	74.5	72.0	63.6	59.6
6	26	8	273		12	71.6	71.8	75.6	74.6	72.0	63.8	60.0
6	26	8	273		16	71.7	71.8	75.6	74.7	72.0	63.8	61.2
6	26	8	273		20	71.8	72.0	75.6	74.8	72.1	63.9	61.3
6	27	8	274		0	71.8	72.0	75.6	74.8	72.1	64.0	60.5
6	27	8	274		4	71.8	72.1	75.6	74.9	72.1	64.1	60.5
6	27	8	274		8	71.6	72.1	75.6	74.9	72.2	64.2	61.4
6	27	8	274		12	71.6	72.1	75.6	75.0	72.2	64.2	61.3
6	27	8	274		16	71.6	72.1	75.6	75.0	72.2	64.3	61.2
6	27	8	274		20	71.6	72.1	75.6	75.0	72.3	64.3	61.2
6	28	8	275		0	71.5	72.1	75.6	75.0	72.3	64.3	61.2
6	28	8	275		4	71.5	72.1	75.6	75.1	72.3	64.4	60.3
6	28	8	275		8	71.6	72.1	75.6	75.1	72.4	64.5	61.5
6	28	8	275		12	71.6	72.1	75.6	75.1	72.4	64.5	60.6
6	28	8	275		16	71.6	72.1	75.7	75.1	72.4	64.5	60.8
7	1	8	278		12	71.1	72.1	75.6	75.2	72.3	64.5	59.6
7	1	8	278		16	71.1	72.0	75.6	75.2	72.3	64.5	59.7
7	2	8	279		0	71.1	72.0	75.6	75.3	72.3	64.5	59.8
7	2	8	279		4	71.1	72.0	75.7	75.3	72.3	64.5	60.0
7	2	8	279		8	71.1	72.0	75.7	75.4	72.3	64.5	61.2
7	2	8	279		12	71.1	72.1	75.7	75.4	72.3	64.5	61.4
7	2	8	279		16	71.1	72.1	75.7	75.5	72.3	64.5	60.6
7	2	8	279		20	71.1	72.1	75.7	75.5	72.3	64.6	61.7
7	3	8	280		0	71.1	72.1	75.7	75.6	72.3	64.6	60.8
7	3	8	280		4	71.2	72.1	75.7	75.7	72.3	64.7	61.8
7	3	8	280		8	71.2	72.1	75.8	75.8	72.4	64.8	60.9
7	3	8	280		12	71.2	72.2	75.8	76.0	72.5	64.9	61.9
7	3	8	280		16	71.2	72.1	75.8	76.0	72.6	64.9	60.8
7	3	8	280		20	71.3	72.2	75.8	76.1	72.8	65.0	61.6
7	4	8	281		0	71.4	72.2	75.8	76.1	72.9	65.0	61.5
7	4	8	281		4	71.1	72.2	75.8	76.1	73.1	65.0	61.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
7	4	8	281	4	76.1	76.3	81.8	76.1	73.1	65.0	61.3
7	4	8	281	8	76.0	76.3	81.3	76.2	73.1	65.0	60.6
7	4	8	281	12	75.8	76.4	80.8	76.3	73.2	65.0	60.0
7	4	8	281	16	75.7	76.4	81.8	77.4	73.3	65.0	60.0
7	4	8	281	20	75.7	76.4	81.8	76.4	73.3	65.0	59.9
7	5	8	282	0	75.9	77.4	81.9	76.4	73.4	65.0	59.9
7	5	8	282	4	75.9	76.4	80.9	76.5	73.4	65.0	59.8
7	5	8	282	8	76.0	76.4	81.8	76.5	73.4	65.0	59.8
7	5	8	282	12	76.5	76.4	81.8	76.5	73.4	64.9	59.8
7	5	8	282	16	77.3	76.5	81.8	76.6	73.5	64.9	59.9
7	5	8	282	20	77.0	76.6	81.8	76.6	73.5	64.9	59.9
7	6	8	283	0	76.0	76.7	81.9	76.7	73.6	64.9	59.8
7	6	8	283	4	75.9	76.7	80.9	76.7	73.6	64.9	59.7
7	6	8	283	8	75.9	76.6	81.0	0.0	73.6	64.9	59.5
7	8	8	285	8	76.5	76.7	80.3	77.1	74.0	64.7	59.6
7	8	8	285	12	75.7	76.7	81.8	77.1	74.0	64.7	59.6
7	8	8	285	16	75.6	76.7	81.7	77.2	74.0	64.7	59.7
7	8	8	285	20	75.5	76.7	81.7	77.2	74.0	64.7	59.6
7	9	8	286	0	75.8	76.7	80.8	77.2	74.0	64.7	59.6
7	9	8	286	4	75.7	76.7	81.8	77.2	74.1	64.7	59.5
7	9	8	286	8	76.0	76.7	81.8	77.3	74.1	64.7	59.5
7	9	8	286	12	75.6	76.6	81.8	77.3	74.1	64.7	59.5
7	9	8	286	16	75.5	76.7	81.8	77.3	74.1	64.7	59.7
7	9	8	286	20	75.7	75.7	80.7	77.3	74.1	64.7	59.8
7	10	8	287	0	75.7	76.6	81.8	77.3	74.1	64.7	59.9
7	10	8	287	4	75.7	76.6	80.8	77.4	74.1	64.7	59.7
7	10	8	287	8	75.7	76.6	81.8	77.4	74.1	64.7	59.7
7	10	8	287	12	76.9	76.6	81.8	77.4	74.2	64.7	59.7
7	10	8	287	16	76.7	76.7	81.9	77.5	74.2	64.7	59.7
7	10	8	287	20	76.7	76.8	81.9	77.5	74.2	64.8	59.7
7	11	8	288	0	77.0	76.9	81.0	77.5	74.2	65.8	59.7
7	11	8	288	4	76.0	76.9	81.0	77.5	74.3	64.8	59.7
7	11	8	288	8	76.1	76.9	81.0	77.5	74.3	64.8	59.7
7	11	8	288	12	76.9	76.9	81.0	77.6	74.3	64.8	59.8
7	11	8	288	16	76.5	77.0	81.0	77.6	74.3	65.8	59.8
7	11	8	288	20	76.3	77.0	81.1	77.6	74.3	64.8	59.8
7	12	8	289	0	76.1	77.0	81.1	77.6	74.3	64.8	59.9
7	12	8	289	4	77.1	77.0	81.1	77.6	74.4	64.8	59.9
7	12	8	289	8	76.2	77.0	81.1	77.7	74.4	64.9	59.9
7	12	8	289	12	77.6	77.0	81.1	77.7	74.4	64.9	59.9
7	12	8	289	16	77.8	77.1	81.1	77.7	74.5	64.9	60.0
7	12	8	289	20	77.7	77.2	81.1	77.7	74.4	64.9	60.0
7	13	8	290	0	77.8	77.3	81.2	77.8	74.5	64.9	60.0
7	13	8	290	4	77.5	77.3	81.3	77.8	74.5	65.0	59.9
7	13	8	290	8	77.5	77.4	81.3	77.8	74.5	65.0	59.9
7	13	8	290	12	77.5	77.4	81.3	77.8	74.5	65.0	59.9
7	13	8	290	16	77.6	77.4	81.4	77.9	74.5	65.0	61.0
7	13	8	290	20	77.7	77.5	81.4	77.9	74.6	65.0	59.9
7	14	8	291	0	77.8	77.5	81.5	77.9	75.6	65.0	59.9
7	14	8	291	4	79.0	77.5	81.5	77.9	74.6	65.0	59.9
7	14	8	291	8	77.9	77.6	81.5	79.0	74.6	65.0	59.9
7	14	8	291	12	77.6	77.6	81.6	79.0	74.7	65.0	59.9
7	14	8	291	16	77.6	77.7	81.7	78.0	74.7	65.0	59.9
7	14	8	291	20	77.8	77.6	81.7	78.0	74.7	65.0	59.9

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
7	15	8	292	0	77.9	77.7	81.8	79.1	74.7	65.0	60.0
7	15	8	292	4	77.9	77.7	81.9	79.1	74.7	65.1	60.0
7	15	8	292	8	77.7	77.7	81.9	79.1	74.8	65.1	61.1
7	15	8	292	12	76.1	77.8	82.0	79.2	74.8	65.1	61.2
7	15	8	292	16	75.2	77.7	82.0	79.2	74.8	65.1	61.3
7	15	8	292	20	75.3	77.5	81.9	79.2	74.8	65.2	61.4
7	16	8	293	0	75.1	77.4	82.0	79.2	74.8	65.2	61.5
7	16	8	293	4	75.2	77.2	82.0	79.2	74.8	65.2	61.5
7	16	8	293	8	75.3	77.3	82.0	79.3	74.9	65.3	61.5
7	16	8	293	12	75.3	77.1	82.0	79.3	74.9	65.3	61.5
7	16	8	293	16	75.1	77.1	82.0	78.4	75.0	65.3	61.4
7	16	8	293	20	76.4	77.0	82.0	79.4	75.0	65.3	61.4
7	17	8	294	0	76.5	77.1	82.1	79.4	75.0	65.4	61.4
7	17	8	294	4	76.7	77.1	82.2	79.5	75.0	65.4	60.4
7	17	8	294	8	76.7	77.2	82.2	79.5	75.0	65.4	61.5
7	17	8	294	12	76.4	77.1	82.2	79.5	75.1	65.5	60.6
7	17	8	294	16	76.2	77.4	82.2	79.6	75.1	65.5	61.6
7	17	8	294	20	76.3	77.3	82.2	79.6	75.2	65.5	61.6
7	18	8	295	0	76.2	77.2	82.3	79.6	75.2	65.5	60.7
7	18	8	295	4	76.3	77.2	82.3	79.7	75.2	65.6	61.8
7	18	8	295	8	76.3	77.1	82.3	79.7	75.2	65.6	61.8
7	19	8	296	0	72.3	77.0	82.5	75.4	74.6	76.2	65.9
7	19	8	296	12	76.2	77.0	82.5	78.9	75.4	65.9	61.3
7	19	8	296	16	76.2	77.0	82.5	78.9	75.4	66.0	61.4
7	22	8	299	12	76.0	77.1	81.7	79.1	75.9	65.6	59.0
7	22	8	299	16	75.6	77.0	81.7	79.1	75.9	65.5	58.9
7	22	8	299	20	76.7	76.9	81.7	79.1	76.0	65.5	59.9
7	23	8	300	0	75.8	75.9	81.7	79.1	76.0	65.4	59.9
7	23	8	300	4	77.4	76.9	81.8	79.1	76.0	65.4	59.0
7	23	8	300	8	76.9	75.9	81.7	79.1	76.0	65.3	59.0
7	23	8	300	12	76.4	77.0	81.7	79.1	76.0	65.3	59.1
7	23	8	300	16	76.0	77.0	81.7	79.1	76.0	65.3	59.1
7	23	8	300	20	75.6	76.9	81.7	79.1	76.0	65.3	59.1
7	24	8	301	0	76.3	75.9	81.8	79.1	76.0	65.2	59.2
7	24	8	301	4	76.0	75.9	81.8	79.1	76.0	65.2	59.3
7	24	8	301	8	76.7	76.8	81.8	79.1	76.0	65.2	59.5
7	24	8	301	12	76.9	75.8	81.9	79.1	76.0	65.2	59.7
7	25	8	302	12	76.7	76.8	81.9	79.2	76.0	65.4	60.3
7	25	8	302	16	76.2	76.9	81.8	79.2	76.0	65.5	61.3
7	25	8	302	20	76.3	76.9	81.7	79.2	76.0	65.5	60.4
7	26	8	303	0	76.4	76.9	81.7	79.2	76.0	65.5	61.3
7	26	8	303	4	76.8	76.9	81.7	79.2	76.0	65.5	60.1
7	26	8	303	8	76.5	77.0	81.6	79.2	76.0	65.6	60.0
7	26	8	303	12	76.7	77.0	81.6	79.2	76.0	65.5	59.8
7	26	8	303	16	76.8	77.0	81.5	79.2	76.0	65.5	59.8
7	26	8	303	20	76.4	77.0	81.4	79.2	76.0	65.5	59.8
7	27	8	304	0	76.4	77.0	81.5	79.1	76.0	65.5	59.8
7	27	8	304	4	76.8	77.0	81.5	79.1	76.0	65.5	59.7
7	27	8	304	8	77.0	77.0	81.5	79.1	76.0	65.5	59.6
7	27	8	304	12	76.4	77.1	81.4	79.1	76.0	65.5	59.5
7	27	8	304	16	76.1	77.0	81.4	79.1	76.0	65.4	59.5
7	27	8	304	20	76.3	76.9	81.5	79.1	76.0	65.4	59.4
7	28	8	305	0	76.4	76.9	81.5	79.1	75.9	65.3	59.3

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
7	28	8	305	4	75.4	76.9	81.5	79.1	76.0	65.3	59.1
7	28	8	305	8	75.5	76.9	81.5	79.1	76.0	65.3	59.1
7	28	8	305	12	75.9	76.9	81.5	79.1	75.9	65.2	59.0
7	28	8	305	16	75.1	76.9	81.5	79.1	75.9	65.2	59.0
7	28	8	305	20	75.2	76.8	81.5	79.1	75.9	65.1	59.1
7	29	8	306	0	75.8	76.7	81.6	79.1	75.9	65.1	59.0
7	29	8	306	4	76.5	76.7	81.5	79.0	75.9	65.1	59.0
7	29	8	306	8	76.2	76.7	81.5	79.1	75.9	65.0	59.0
7	29	8	306	12	76.2	76.7	81.4	79.0	75.9	65.0	59.1
7	29	8	306	16	76.1	76.7	81.3	79.0	75.9	65.0	59.3
7	29	8	306	20	76.3	76.7	81.3	79.0	75.8	65.0	59.3
7	30	8	307	0	77.6	76.7	81.3	79.0	75.8	65.0	59.2
7	30	8	307	4	77.1	76.7	81.3	79.0	75.8	65.0	59.1
7	30	8	307	8	77.3	76.8	81.2	79.0	75.8	65.0	59.1
7	31	8	308	0	76.1	76.9	80.9	79.7	75.6	64.9	59.2
7	31	8	308	12	76.1	76.6	80.9	79.7	75.6	64.9	59.1
7	31	8	308	16	76.1	76.6	80.9	79.7	75.6	64.9	59.1
7	31	8	308	20	75.5	76.5	80.9	79.7	75.6	64.8	59.1
8	1	8	309	0	72.9	76.3	81.0	79.6	75.5	64.7	59.8
8	1	8	309	12	69.4	75.1	81.1	79.6	75.5	64.7	59.8
8	1	8	309	20	67.8	75.5	81.1	79.6	75.5	64.7	59.9
8	2	8	310	0	73.0	74.9	81.2	79.6	75.5	65.7	59.0
8	2	8	310	4	77.3	74.8	81.0	79.6	75.5	64.7	59.1
8	2	8	310	8	79.5	75.0	80.8	79.6	75.5	64.7	59.3
8	2	8	310	12	72.7	75.3	81.2	79.6	75.4	64.7	59.6
8	2	8	310	16	74.6	75.2	81.7	79.5	75.3	65.7	59.8
8	2	8	310	20	75.6	75.2	80.6	79.6	75.4	64.8	61.1
8	3	8	311	0	75.2	75.2	81.6	79.5	75.3	64.8	61.2
8	3	8	311	4	67.8	75.2	81.6	78.5	75.4	64.9	61.2
8	3	8	311	8	61.6	74.3	81.6	78.5	75.4	65.0	61.1
8	3	8	311	12	61.8	73.9	81.6	79.5	75.3	65.0	60.1
8	3	8	311	16	61.0	73.0	80.5	79.4	75.3	65.0	60.1
8	3	8	311	20	61.1	72.3	81.4	79.4	75.2	65.1	61.1
8	4	8	312	0	61.3	71.7	81.3	79.5	75.3	65.1	61.1
8	4	8	312	4	61.4	71.3	81.1	79.5	75.3	65.1	60.0
8	4	8	312	8	61.0	70.9	79.9	79.4	75.3	65.1	60.0
8	4	8	312	12	61.6	70.5	79.7	79.4	75.2	65.1	60.1
8	4	8	312	16	61.7	71.2	79.5	78.4	75.3	65.2	61.2
8	4	8	312	20	60.1	69.8	79.3	78.4	75.3	65.2	61.2
8	5	8	313	0	59.8	69.5	79.1	79.4	75.3	65.2	61.2
8	5	8	313	4	58.3	69.2	79.9	79.4	75.3	65.2	61.2
8	5	8	313	8	65.6	69.0	79.1	79.2	75.2	65.2	61.2
8	5	8	313	12	71.3	68.6	78.3	77.1	75.0	65.3	61.2
8	5	8	313	16	75.1	69.0	79.1	79.5	75.5	65.3	61.3
8	5	8	313	20	76.3	69.6	77.9	79.5	75.4	65.3	61.3
8	6	8	314	0	77.4	71.3	77.9	78.5	75.4	65.3	61.3
8	6	8	314	4	78.0	70.8	77.9	79.5	75.4	65.3	61.3
8	6	8	314	8	77.7	71.3	78.0	78.4	75.5	65.3	60.3
8	6	8	314	12	77.0	71.7	78.0	78.4	75.5	65.3	61.3
8	6	8	314	16	76.5	72.0	78.0	79.4	75.5	65.4	61.3
8	6	8	314	20	67.3	72.2	78.0	79.4	75.4	65.4	61.5
8	7	8	315	0	63.1	71.9	79.1	78.3	75.4	65.4	61.5
8	7	8	315	4	60.8	71.2	79.2	79.3	75.4	65.5	61.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NU	HR	T7	T4	T5	T15	T14	T8	T9
8	7	8	315	8	54.4	71.4	79.2	79.3	75.4	65.5	61.6
8	7	8	315	12	59.8	69.7	78.1	79.3	75.4	65.5	61.7
8	7	8	315	16	59.5	69.0	78.0	79.3	75.4	65.5	60.7
8	7	8	315	20	54.3	69.4	77.9	79.2	75.4	65.6	60.8
8	8	8	316	0	54.1	67.9	77.8	78.2	75.4	65.6	61.8
8	8	8	316	4	57.7	67.4	77.7	79.2	75.4	65.6	61.9
8	8	8	316	8	57.3	67.0	77.5	78.1	75.4	65.6	61.9
8	8	8	316	12	59.0	66.6	77.2	79.2	75.4	65.7	61.0
8	8	8	316	16	65.7	66.4	76.9	78.1	75.4	65.7	60.9
8	8	8	316	20	63.3	66.7	76.7	78.1	75.4	65.7	60.9
8	9	8	317	0	70.7	67.3	76.6	78.1	75.4	65.8	60.8
8	9	8	317	4	71.5	67.2	76.6	79.1	75.4	65.8	61.8
8	9	8	317	8	72.0	69.3	76.5	78.0	75.4	65.8	61.8
8	9	8	317	12	73.1	68.9	76.5	78.5	75.4	65.8	61.3
8	9	8	317	16	74.7	68.5	76.5	79.0	75.4	65.8	60.8
8	9	8	317	20	72.5	69.8	76.5	78.0	75.4	65.8	61.8
8	10	8	318	0	69.2	67.1	76.5	77.9	75.4	65.8	60.9
8	10	8	318	4	67.8	69.2	76.5	77.9	75.4	65.8	61.0
8	10	8	318	8	67.1	69.2	76.7	77.9	75.4	65.8	61.1
8	10	8	318	12	67.6	69.2	76.8	77.8	75.4	65.8	61.3
8	10	8	318	16	67.4	69.2	76.8	77.8	75.4	65.9	61.3
8	10	8	318	20	67.4	69.2	76.9	77.8	75.4	65.9	61.4
8	11	8	319	0	67.0	69.2	76.9	77.8	75.4	66.0	61.4
8	11	8	319	4	67.1	69.2	77.0	77.8	75.4	66.0	61.3
8	11	8	319	8	67.7	69.2	77.0	0.0	75.4	66.0	61.3
8	12	8	320	0	69.4	0.0	84.1	77.5	75.4	66.2	62.0
8	12	8	320	12	70.0	0.0	94.3	77.5	75.4	66.2	62.1
8	12	8	320	16	70.6	0.0	99.4	77.5	75.3	66.3	62.2
8	12	8	320	20	70.7	0.0	94.6	77.4	75.3	66.3	62.1
8	13	8	321	0	71.3	0.0	98.1	77.4	75.3	66.3	62.3
8	13	8	321	4	71.9	0.0	101.6	77.3	75.3	66.3	61.5
8	13	8	321	8	90.9	0.0	129.4	77.3	75.3	66.5	61.3
8	14	8	322	0	76.9	0.0	76.5	77.1	75.3	67.2	61.0
8	14	8	322	4	77.1	0.0	76.8	77.1	75.2	66.1	60.9
8	14	8	322	8	76.7	0.0	76.9	77.0	75.2	66.1	60.9
8	14	8	322	12	76.8	0.0	77.0	77.0	75.3	66.0	61.8
8	14	8	322	16	76.8	0.0	77.1	77.0	75.2	66.0	61.8
8	14	8	322	20	76.9	0.0	77.3	77.0	75.1	65.9	61.7
8	15	8	323	0	76.8	0.0	77.4	76.9	75.1	65.9	60.5
8	15	8	323	4	76.8	0.0	77.6	76.9	75.1	65.8	61.4
8	15	8	323	8	76.8	0.0	77.4	76.9	75.1	65.9	60.5
8	15	8	323	12	76.9	0.0	77.7	76.9	75.0	65.8	61.3
8	15	8	323	16	76.2	0.0	77.7	76.8	75.1	66.0	60.5
8	15	8	323	20	76.0	0.0	77.7	76.8	75.1	65.7	61.8
8	16	8	324	0	75.7	0.0	77.8	76.8	75.0	65.7	61.0
8	16	8	324	4	75.4	0.0	77.9	76.8	74.9	65.7	61.0
8	16	8	324	8	75.0	0.0	78.0	76.8	74.9	65.7	60.9
8	16	8	324	12	74.3	0.0	79.1	76.8	74.9	65.7	60.9
8	16	8	324	16	74.0	0.0	79.1	76.7	74.9	65.7	61.0
8	16	8	324	20	73.8	0.0	78.1	76.7	74.9	65.7	61.0
8	17	8	325	0	73.6	0.0	78.2	76.7	74.8	65.7	61.0
8	17	8	325	4	73.9	0.0	78.4	76.7	74.8	65.7	61.0
8	17	8	325	8	73.5	0.0	79.5	76.7	74.8	65.7	61.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
8	17	8	325	12	73.3	0.0	79.6	76.7	74.8	65.6	61.7
8	17	8	325	16	73.2	0.0	79.7	76.7	74.8	65.6	61.6
8	17	8	325	20	73.3	0.0	79.8	76.7	74.7	65.6	61.5
8	18	8	326	0	73.4	0.0	79.8	76.7	74.7	65.6	61.5
8	18	8	326	4	74.3	0.0	79.9	76.7	74.6	65.5	60.4
8	18	8	326	8	74.3	0.0	78.9	76.7	74.6	65.5	61.4
8	18	8	326	12	74.1	0.0	79.9	76.7	74.7	65.5	60.3
8	18	8	326	16	73.6	0.0	78.9	76.7	74.6	65.5	60.3
8	18	8	326	20	73.9	0.0	79.0	76.7	74.9	65.5	60.3
8	19	8	327	0	74.8	0.0	79.0	76.7	74.7	65.4	60.2
8	19	8	327	4	74.6	0.0	79.0	76.8	74.6	65.4	61.1
8	19	8	327	8	74.1	0.0	79.0	76.8	74.8	65.4	60.1
8	19	8	327	12	74.3	0.0	79.0	76.7	75.4	65.3	60.1
8	19	8	327	16	74.2	0.0	79.0	76.8	74.5	65.3	61.2
8	19	8	327	20	75.2	0.0	79.0	76.8	75.0	65.3	61.2
8	20	8	328	0	75.2	0.0	79.1	76.8	74.8	65.3	60.2
8	20	8	328	4	74.6	0.0	79.1	76.8	74.5	65.3	60.1
8	20	8	328	8	74.7	0.0	79.1	76.8	75.3	65.3	61.1
8	20	8	328	12	74.2	0.0	79.2	76.8	77.3	65.2	61.1
8	20	8	328	16	74.5	0.0	79.2	76.8	76.7	65.2	60.0
8	20	8	328	20	75.0	0.0	79.4	76.8	74.6	65.2	60.0
8	21	8	329	0	75.0	0.0	79.7	76.8	74.5	65.2	60.0
8	21	8	329	4	74.9	0.0	79.8	76.8	74.5	65.1	60.0
8	21	8	329	8	74.8	0.0	79.6	76.8	75.5	65.1	60.1
8	21	8	329	12	75.0	0.0	79.7	76.9	75.1	65.1	61.2
8	21	8	329	16	81.5	0.0	93.9	76.9	74.9	66.7	60.2
8	21	8	329	20	75.1	0.0	79.8	77.0	74.6	65.1	60.2
8	22	8	330	0	75.1	0.0	84.9	77.0	74.5	65.2	60.0
8	22	8	330	4	75.5	0.0	80.9	77.0	76.1	65.1	59.9
8	22	8	330	8	75.3	0.0	81.3	77.0	74.4	65.1	59.7
8	22	8	330	12	73.6	0.0	79.9	77.0	74.4	65.0	59.5
8	22	8	330	16	74.3	0.0	79.9	77.1	74.4	65.0	59.4
8	22	8	330	20	74.4	0.0	80.0	77.1	74.4	65.0	59.3
8	23	8	331	0	75.4	0.0	80.0	77.1	74.4	64.9	59.3
8	23	8	331	4	75.6	0.0	81.1	77.1	74.4	64.9	59.3
8	23	8	331	8	74.4	0.0	81.1	77.1	74.4	64.8	59.4
8	23	8	331	12	74.5	0.0	81.2	77.1	75.4	64.8	59.5
8	23	8	331	16	74.7	0.0	81.2	77.2	74.4	64.8	59.6
8	23	8	331	20	74.6	0.0	81.3	77.2	74.4	64.8	59.7
8	24	8	332	0	75.8	0.0	81.3	77.2	74.4	64.8	59.8
8	24	8	332	4	75.4	0.0	81.3	77.3	74.4	64.8	59.8
8	24	8	332	8	75.6	0.0	81.2	77.3	74.5	64.8	59.9
8	24	8	332	12	75.5	0.0	81.1	77.3	74.4	64.8	60.0
8	24	8	332	16	75.2	0.0	81.1	77.3	74.5	64.9	61.1
8	24	8	332	20	75.0	0.0	81.1	77.3	74.5	64.9	61.2
8	25	8	333	0	75.1	0.0	81.1	77.4	75.5	64.9	61.2
8	25	8	333	4	75.3	0.0	81.1	77.4	75.5	65.0	61.2
8	25	8	333	8	75.4	0.0	81.1	77.4	74.5	65.0	61.2
8	25	8	333	12	74.8	0.0	80.1	77.4	74.5	65.0	61.2
8	25	8	333	16	74.5	0.0	80.1	77.4	74.5	65.0	61.2
8	25	8	333	20	74.5	0.0	81.2	77.4	74.6	65.0	60.2
8	26	8	334	0	74.6	0.0	81.3	77.5	74.5	65.0	61.2
8	26	8	334	4	75.0	0.0	80.3	77.5	74.5	65.0	61.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
8	26	8	334	8	75.3	0.0	81.3	77.5	74.5	65.0	61.2
8	26	8	334	12	74.6	0.0	81.3	77.5	74.5	65.0	61.2
8	27	8	335	12	74.3	0.0	79.6	77.5	74.6	65.2	61.4
8	27	8	335	16	73.8	0.0	79.5	77.5	75.6	65.3	61.6
8	27	8	335	20	73.7	0.0	79.5	77.5	74.6	65.4	61.7
8	28	8	336	0	74.1	0.0	79.4	77.5	74.6	65.5	61.7
8	28	8	336	4	74.2	0.0	79.3	77.5	74.6	65.5	61.6
8	28	8	336	8	74.0	0.0	79.2	77.5	74.6	65.5	61.5
8	28	8	336	12	73.2	0.0	79.1	77.5	74.6	65.6	61.6
8	28	8	336	16	72.7	0.0	79.0	77.4	74.6	65.6	61.8
8	28	8	336	20	72.5	0.0	79.8	77.4	75.6	65.6	61.9
8	29	8	337	12	72.9	0.0	79.6	77.3	74.6	65.8	61.9
8	29	8	337	16	73.1	0.0	79.6	77.3	74.6	65.8	62.0
8	29	8	337	20	75.6	0.0	79.6	77.2	75.6	65.8	61.8
8	30	8	338	0	76.7	0.0	79.6	77.2	75.6	65.8	61.7
8	30	8	338	4	77.3	0.0	79.6	77.2	74.6	65.8	61.5
8	30	8	338	8	77.6	0.0	79.6	77.1	74.5	65.8	61.4
8	30	8	338	12	77.8	0.0	79.5	77.1	74.5	65.8	61.4
8	30	8	338	16	79.0	0.0	79.5	77.1	74.5	65.7	61.5
8	30	8	338	20	74.4	0.0	79.5	77.1	74.5	65.7	61.5
8	31	8	339	0	73.8	0.0	79.5	77.0	75.5	65.7	61.3
8	31	8	339	4	73.7	0.0	78.5	77.0	75.5	65.7	61.1
8	31	8	339	8	73.7	0.0	79.5	77.0	74.5	65.6	60.9
8	31	8	339	12	73.5	0.0	79.4	77.0	74.5	65.6	60.8
8	31	8	339	16	73.4	0.0	79.3	76.9	74.4	65.6	61.9
8	31	8	339	20	73.5	0.0	79.4	76.9	74.4	65.5	61.0
9	1	8	340	0	73.6	0.0	79.4	76.8	74.4	65.5	61.8
9	1	8	340	4	73.3	0.0	79.4	76.8	74.4	65.5	61.6
9	1	8	340	8	73.2	0.0	79.4	76.8	74.4	65.4	61.5
9	1	8	340	12	73.2	0.0	79.4	76.8	75.3	65.4	61.5
9	1	8	340	16	73.3	0.0	79.4	76.7	74.3	65.3	61.5
9	1	8	340	20	73.2	0.0	79.4	76.8	75.3	65.3	61.4
9	2	8	341	0	73.1	0.0	78.4	76.7	74.3	65.2	60.3
9	2	8	341	4	73.1	0.0	79.4	76.7	74.3	65.2	60.2
9	2	8	341	8	73.1	0.0	79.3	76.7	74.2	65.1	60.2
9	2	8	341	12	73.2	0.0	78.3	75.7	75.2	65.1	60.1
9	2	8	341	16	73.4	0.0	79.3	76.6	74.2	65.1	60.2
9	2	8	341	20	73.2	0.0	79.3	76.6	74.2	65.0	61.1
9	3	8	342	0	73.1	0.0	79.4	76.6	74.1	65.0	60.0
9	3	8	342	4	73.2	0.0	79.3	76.6	74.1	65.0	59.9
9	3	8	342	8	72.5	0.0	78.8	76.5	74.1	64.9	59.9
9	3	8	342	12	71.9	0.0	78.3	76.5	74.1	64.8	59.9
9	3	8	342	16	69.9	0.0	79.3	76.5	74.1	64.8	59.9
9	3	8	342	20	68.9	0.0	78.3	76.5	74.0	64.8	59.9
9	4	8	343	0	69.3	0.0	79.3	76.5	74.0	64.8	59.9
9	4	8	343	4	69.8	0.0	78.2	76.5	74.0	64.7	59.9
9	4	8	343	8	68.3	0.0	78.1	76.5	74.0	64.7	60.0
9	4	8	343	12	67.4	0.0	79.1	76.5	74.0	64.7	61.1
9	4	8	343	16	67.0	0.0	78.0	76.5	74.0	64.7	61.2
9	4	8	343	20	66.3	0.0	78.0	76.5	73.9	64.7	60.1
9	5	8	344	0	67.1	0.0	78.0	76.5	73.9	65.7	59.8
9	5	8	344	4	67.2	0.0	77.9	76.4	73.9	64.6	59.5
9	5	8	344	8	67.0	0.0	77.8	76.4	73.9	64.6	59.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T6	T5	T15	T14	T8	T9
9	5	8	344	12	67.3	0.0	77.7	76.4	73.8	64.5	59.1
9	5	8	344	16	67.0	0.0	77.5	76.4	73.8	64.5	59.1
9	5	8	344	20	67.0	0.0	77.5	76.4	73.8	64.4	59.1
9	6	8	345	0	66.9	0.0	77.4	76.4	73.8	64.4	59.1
9	6	8	345	4	67.0	0.0	77.3	76.4	73.8	64.3	59.9
9	6	8	345	8	67.2	0.0	77.2	76.4	73.8	64.3	59.7
9	6	8	345	12	67.2	0.0	77.1	76.3	73.8	65.2	59.5
9	6	8	345	16	67.4	0.0	77.0	76.3	73.8	64.1	58.2
9	6	8	345	20	67.3	0.0	76.9	76.3	73.8	64.1	59.1
9	7	8	346	0	67.1	0.0	76.8	76.3	73.7	64.0	58.0
9	7	8	346	4	67.3	0.0	76.8	76.2	73.7	63.9	57.8
9	7	8	346	8	66.3	0.0	76.7	76.2	73.7	63.8	57.8
9	7	8	346	12	66.6	0.0	76.6	76.2	74.0	63.8	57.8
9	7	8	346	16	66.4	0.0	76.5	76.2	73.7	63.7	57.8
9	7	8	346	20	66.5	0.0	76.5	76.1	73.6	63.6	57.8
9	8	8	347	0	66.4	0.0	76.4	76.1	73.6	63.6	57.7
9	8	8	348	12	67.4	0.0	76.3	75.9	73.4	63.1	57.1
9	8	8	348	16	67.7	0.0	76.2	75.7	73.4	63.0	57.3
9	8	8	348	20	67.7	0.0	76.1	75.7	73.4	63.0	57.6
9	9	8	349	0	67.8	0.0	76.0	75.7	73.3	63.0	57.9
9	9	8	349	4	68.1	0.0	75.9	75.6	73.3	63.0	58.1
9	9	8	349	8	67.8	0.0	75.8	75.6	73.3	63.0	59.3
9	9	8	349	12	67.9	0.0	75.8	75.6	73.3	63.0	59.6
9	9	8	349	16	68.	0.0	75.7	75.5	73.2	63.1	59.8
9	9	8	349	20	67.8	0.0	75.7	75.5	73.2	63.1	59.1
9	10	8	350	0	67.7	0.0	75.6	75.5	73.2	63.2	59.4
9	10	8	350	4	68.1	0.0	75.5	75.4	73.1	63.2	60.0
9	10	8	350	8	68.1	0.0	75.4	75.4	73.1	63.4	61.5
9	10	8	350	12	67.9	0.0	75.3	75.4	73.1	63.5	61.9
9	10	8	350	16	67.9	0.0	75.3	75.3	73.0	63.4	61.8
9	10	8	350	20	67.9	0.0	75.2	75.3	73.0	63.4	61.4
9	11	8	351	0	67.6	0.0	75.1	75.3	73.0	63.3	61.3
9	11	8	351	4	67.8	0.0	75.1	75.3	73.0	63.3	61.2
9	11	8	351	8	67.8	0.0	75.0	75.2	72.9	64.1	61.2
9	11	8	351	12	67.6	0.0	75.0	75.2	72.9	64.2	61.2
9	11	8	351	16	67.5	0.0	74.9	75.2	72.8	64.3	61.3
9	11	8	351	20	67.7	0.0	74.8	75.2	72.8	64.3	61.5
9	12	8	352	0	67.9	0.0	74.7	75.1	72.8	64.4	61.5
9	12	8	352	4	68.	0.0	74.6	75.1	72.9	64.5	61.6
9	12	8	352	8	68.	0.0	74.6	75.1	72.8	64.5	61.6
9	12	8	352	12	67.9	0.0	74.5	75.	72.8	64.6	61.7
9	12	8	352	16	67.5	0.0	74.4	75.	72.8	65.7	61.9
9	12	8	352	20	67.7	0.0	74.4	74.7	72.8	64.7	61.8
9	13	8	353	0	67.9	0.0	74.7	75.1	72.8	64.4	61.5
9	13	8	353	4	68.	0.0	74.6	75.1	72.9	64.5	61.6
9	13	8	353	8	68.	0.0	74.6	75.1	72.8	64.5	61.6
9	13	8	353	12	67.9	0.0	74.5	75.	72.8	64.6	61.7
9	13	8	353	16	67.5	0.0	74.4	75.	72.8	65.7	61.9
9	13	8	353	20	67.7	0.0	74.4	74.7	72.8	64.7	61.8
9	14	8	355	12	71.3	0.0	74.2	74.4	72.5	65.5	61.3
9	14	8	355	16	70.5	0.0	74.1	74.4	72.4	65.5	60.3
9	14	8	355	20	72.3	0.0	74.1	74.3	72.4	64.5	61.3
9	17	8	356	0	67.6	0.0	74.0	74.2	72.4	64.4	60.2
9	17	8	356	4	66.7	0.0	74.0	74.2	72.4	64.4	60.0
9	17	8	356	8	66.6	0.0	74.0	74.2	72.3	64.4	59.8
9	17	8	356	12	67.2	0.0	73.9	74.2	72.3	64.3	59.8
9	17	8	356	16	69.7	0.0	74.0	74.2	72.3	64.3	59.7
9	17	8	356	20	67.8	0.0	74.0	74.1	72.3	64.2	59.6
9	18	8	357	0	67.4	0.0	74.0	74.1	72.2	64.2	59.3
9	18	8	357	4	67.1	0.0	74.0	74.1	72.2	64.1	59.2

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
9	19	8	257	8	67.5	[illegible]	74.2	74.1	72.2	64.0	59.3
9	19	8	257	12	67.0	[illegible]	74.2	74.1	72.2	64.0	59.5
9	19	8	257	16	71.3	[illegible]	74.1	74.0	72.2	64.0	59.8
9	19	8	257	20	66.7	[illegible]	74.1	74.0	72.1	63.9	60.0
9	20	8	258	0	65.[illegible]	[illegible]	74.1	74.0	72.1	64.0	60.0
9	20	8	258	4	65.2	[illegible]	74.1	74.0	72.1	64.0	61.0
9	20	8	258	8	63.5	[illegible]	74.1	73.9	72.1	64.0	61.1
9	20	8	258	12	66.0	[illegible]	74.0	73.9	72.1	63.9	60.3
9	20	8	258	16	68.3	[illegible]	73.9	73.9	72.1	64.0	60.5
9	20	8	258	20	67.2	[illegible]	73.9	73.8	72.0	64.0	61.5
9	21	8	259	[illegible]	67.2	[illegible]	73.9	73.8	72.[illegible]	64.0	60.4
9	21	8	259	4	67.4	[illegible]	73.9	73.8	72.[illegible]	64.0	61.3
9	21	8	259	8	67.4	[illegible]	73.9	73.9	72.[illegible]	64.[illegible]	60.3
9	21	8	259	12	67.4	[illegible]	73.8	73.8	71.9	64.0	61.3
9	21	8	259	16	67.6	[illegible]	73.7	73.7	71.9	64.0	60.4
9	21	8	259	20	67.6	[illegible]	73.8	73.7	71.9	64.[illegible]	60.4
9	21	8	260	[illegible]	69.[illegible]	[illegible]	73.8	73.7	71.9	64.1	61.2
9	21	8	260	4	65.1	[illegible]	73.8	73.7	71.9	64.[illegible]	60.0
9	21	8	260	8	69.1	[illegible]	73.8	73.7	71.9	64.0	60.0
9	21	8	260	12	69.1	[illegible]	73.8	73.7	71.8	64.0	60.0
9	21	8	260	16	68.[illegible]	[illegible]	73.8	73.7	71.9	64.0	61.1
9	21	8	260	20	69.[illegible]	[illegible]	74.[illegible]	73.7	71.9	64.0	61.1
9	22	8	261	[illegible]	69.[illegible]	[illegible]	74.[illegible]	73.7	71.7	64.0	61.1
9	22	8	261	4	69.[illegible]	[illegible]	74.[illegible]	73.6	71.7	64.0	60.0
9	22	8	261	8	69.[illegible]	[illegible]	74.[illegible]	73.6	71.7	63.9	60.0
9	22	8	261	12	69.[illegible]	[illegible]	74.[illegible]	73.6	71.7	63.9	60.1
9	22	8	261	16	67.[illegible]	[illegible]	74.[illegible]	73.6	71.7	63.9	61.3
9	22	8	261	20	67.[illegible]	[illegible]	74.[illegible]	73.6	71.7	64.0	60.3
9	23	8	262	[illegible]	69.[illegible]	[illegible]	74.1	73.5	71.6	64.0	61.2
9	23	8	262	4	68.[illegible]	[illegible]	74.1	73.5	71.5	64.0	60.1
9	23	8	262	8	69.1	[illegible]	74.2	73.5	71.6	63.9	60.[illegible]
9	23	8	262	12	66.9	[illegible]	74.2	73.5	71.6	63.9	60.0
9	23	8	262	16	67.[illegible]	[illegible]	74.2	73.5	71.6	63.9	60.[illegible]
9	23	8	262	20	69.1	[illegible]	74.1	73.5	71.5	63.9	60.[illegible]
9	24	8	263	[illegible]	68.7	[illegible]	74.3	73.5	71.5	63.9	60.0
9	24	8	263	4	68.9	[illegible]	74.4	73.6	71.5	63.8	59.8
9	24	8	263	8	68.7	[illegible]	74.4	73.6	71.5	63.8	59.9
9	24	8	263	12	67.7	[illegible]	74.4	73.6	71.5	63.8	60.0
9	24	8	263	16	67.[illegible]	[illegible]	74.4	73.6	72.1	63.8	60.0
9	24	8	263	20	67.7	[illegible]	74.5	73.6	71.5	63.8	59.9
9	25	8	264	[illegible]	68.[illegible]	[illegible]	74.[illegible]	73.5	71.5	63.8	59.7
9	25	8	264	4	68.3	[illegible]	74.[illegible]	73.6	71.5	63.8	59.[illegible]
9	25	8	264	8	68.5	[illegible]	74.6	73.[illegible]	71.[illegible]	63.8	59.6
9	25	8	264	12	66.7	[illegible]	74.6	73.6	71.5	63.8	59.6
9	27	8	266	12	67.1	[illegible]	74.3	73.7	71.5	63.7	60.0
9	27	8	266	16	67.3	[illegible]	74.2	73.7	71.5	63.7	61.2
9	27	8	266	20	64.4	[illegible]	74.1	73.7	71.5	63.7	61.3
9	28	8	267	[illegible]	64.5	[illegible]	74.1	73.7	71.5	63.8	61.3
9	28	8	267	4	64.4	[illegible]	74.2	73.7	71.5	63.8	61.3
9	28	8	267	8	64.6	[illegible]	74.1	73.7	71.5	63.8	61.3
9	28	8	267	12	66.7	[illegible]	74.[illegible]	73.7	71.5	63.8	61.5
9	28	8	267	16	67.7	[illegible]	74.[illegible]	73.7	71.5	63.9	60.6
9	28	8	267	20	66.7	[illegible]	73.[illegible]	73.7	71.5	63.9	61.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
9	29	8	268	0	56.7	.0	73.0	73.7	71.5	64.0	61.8
9	29	8	268	4	57.8	.0	73.0	73.7	71.5	64.0	60.8
9	29	8	268	8	56.3	.0	73.8	.0	71.5	64.0	61.0
9	30	8	269	12	58.8	.0	74.3	73.5	71.5	64.5	62.2
9	30	8	269	16	60.7	.0	74.4	73.5	71.5	64.5	62.4
9	30	8	269	20	58.8	.0	74.3	73.5	71.5	65.5	62.3
10	1	8	270	0	58.3	.0	74.2	73.5	71.5	65.5	62.0
10	1	8	270	4	58.8	.0	74.1	73.6	71.5	64.7	61.6
10	1	8	270	8	58.3	.0	74.1	73.5	71.5	64.7	61.3
10	1	8	270	12	59.1	.0	74.3	73.6	71.5	64.6	61.0
10	1	8	270	16	59.4	.0	74.4	73.6	71.5	64.5	61.8
10	1	8	270	20	57.4	.0	74.5	73.6	71.5	64.6	61.7
10	2	8	271	0	57.	.0	74.4	73.6	71.5	64.5	60.6
10	2	8	271	4	56.0	.0	74.3	73.6	71.5	64.5	61.6
10	2	8	271	8	56.3	.0	74.1	73.4	71.5	64.5	61.7
10	2	8	271	12	56.8	.0	74.	73.5	71.5	64.4	61.3
10	2	8	271	16	56.4	.0	73.9	73.5	71.5	64.4	61.0
10	2	8	271	20	56.8	.0	73.9	73.7	71.5	64.4	61.1
10	4	8	273	16	56.4	.0	72.2	73.2	71.5	64.2	61.5
10	4	8	273	20	56.	.0	71.9	73.2	71.4	64.2	61.6
10	5	8	274	0	55.7	.0	71.7	73.3	71.6	64.2	61.5
10	5	8	274	4	55.5	.0	71.5	73.2	71.4	64.2	60.3
10	5	8	274	8	55.3	.0	71.3	.	71.4	64.2	60.0
10	7	8	276	16	57.6	.0	69.8	72.0	71.4	63.3	57.9
10	7	8	276	20	57.4	.0	69.7	72.2	72.1	61.0	57.9
10	8	8	277	0	57.3	.0	69.4	72.1	71.5	63.1	58.0
10	8	8	277	4	59.1	.0	69.2	72.	71.5	63.1	59.4
10	8	8	278	16	57.4	.0	69.2	72.6	71.2	63.2	60.2
10	8	8	278	20	56.4	.0	69.4	72.3	71.5	62.9	60.0
10	10	8	280	0	55.8	.0	68.5	72.5	71.2	63.3	60.2
10	10	8	280	4	57.5	.0	68.4	72.7	70.4	63.7	42.6
10	10	8	280	8	60.6	.0	51.2	51.0	51.4	51.3	50.3
10	10	8	280	12	55.7	.0	68.5	72.4	71.2	63.2	60.2
10	10	8	280	16	51.2	.0	51.2	51.2	51.2	51.2	51.2
10	10	8	280	20	54.8	.0	54.8	55.4	55.1	51.3	52.9
10	11	8	281	0	47.	.0	44.5	53.4	51.5	48.2	48.7
10	11	8	281	8	48.	.0	46.	52.1	51.2	47.5	48.0
10	11	8	281	12	51.7	.0	51.7	51.7	51.7	51.7	51.7
10	12	8	282	20	57.2	.0	70.	71.8	70.5	63.8	60.9
10	13	8	283	0	57.1	.0	70.0	71.8	70.5	63.8	60.8
10	13	8	283	4	56.4	.0	70.1	71.8	70.5	63.8	60.8
10	13	8	283	8	56.	.0	70.1	71.8	70.5	63.8	60.8
10	13	8	283	12	56.8	.0	70.7	71.8	70.5	63.8	60.5
10	21	8	291	12	55.8	.0	68.1	71.8	70.5	63.8	60.2
10	21	8	291	16	55.8	.0	68.1	71.8	70.5	64.1	61.5
10	21	8	291	20	56.1	.0	68.1	71.7	71.5	64.1	61.6
10	22	8	292	12	57.8	.0	68.	71.8	71.4	63.7	61.8
10	22	8	292	16	57.3	.0	68.4	71.8	70.5	64.3	61.3
10	22	8	292	20	57.3	.0	68.4	71.7	70.5	64.3	61.2
10	23	8	293	12	57.3	.0	68.5	71.4	70.5	64.3	60.5
10	23	8	293	16	57.	.0	68.4	71.6	70.5	64.3	60.3
10	24	8	294	12	57.3	.0	68.4	71.6	70.5	63.5	59.5
10	24	8	294	16	57.	.0	68.3	71.5	72.	63.5	59.5

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
10	24	8	303	20	57.2	0.0	68.6	73.3	70.5	63.7	59.5
10	25	8	304	12	58.5	0.0	68.7	71.6	70.5	63.5	59.2
10	25	8	304	16	56.7	0.0	68.4	71.1	71.1	63.2	59.2
10	25	8	304	20	56.9	0.0	68.7	71.5	70.4	63.5	59.1
10	26	8	305	0	57.1	0.0	68.6	71.6	70.4	63.4	59.3
10	26	8	305	4	57.1	0.0	68.5	71.4	70.4	63.3	59.5
10	26	8	305	8	57.3	0.0	68.2	71.1	70.2	63.9	61.6
10	26	8	305	12	57.3	0.0	68.2	71.1	70.2	63.9	61.7
10	26	8	305	16	57.3	0.0	68.3	71.1	70.3	64.0	61.8
10	26	8	305	20	57.4	0.0	68.3	71.1	70.2	64.0	61.8
10	27	8	306	0	56.3	0.0	67.7	71.0	71.1	61.6	61.5
10	27	8	306	4	56.6	0.0	67.3	71.5	70.5	63.0	62.1
10	27	8	306	8	57.7	0.0	68.2	71.1	70.4	63.9	61.6
10	27	8	306	12	57.4	0.0	68.1	70.9	70.0	63.7	61.9
10	27	8	306	16	56.7	0.0	68.5	71.1	70.1	64.0	61.5
10	27	8	306	20	56.8	0.0	67.8	70.7	70.7	63.4	62.0
10	28	8	307	0	56.4	0.0	67.8	70.9	70.5	66.5	61.9
10	28	8	307	4	56.7	0.0	67.8	70.8	70.2	63.6	60.8
10	28	8	307	8	56.6	0.0	67.8	70.9	69.9	63.5	59.7
10	28	8	307	12	56.7	0.0	67.7	70.9	69.9	63.9	59.6
10	28	8	307	16	56.7	0.0	67.7	70.9	69.9	63.9	59.6
10	28	8	307	20	48.9	0.0	68.2	72.0	71.2	65.5	63.7
11	1	8	401	0	48.8	0.0	68.2	72.0	71.2	65.5	63.7
11	1	8	401	4	48.8	0.0	68.2	72.0	71.0	65.5	63.7
11	1	8	401	8	48.7	0.0	68.2	72.0	71.1	65.5	63.7
11	1	8	401	12	48.6	0.0	68.2	72.0	71.0	65.5	63.7
11	1	8	401	16	48.2	0.0	68.2	72.0	71.0	65.3	63.6
11	1	8	401	20	48.7	0.0	68.2	72.0	71.1	65.1	63.5
11	2	8	402	0	48.4	0.0	68.3	71.9	71.0	65.5	63.0
11	2	8	402	4	48.2	0.0	68.0	71.8	71.7	65.4	62.7
11	2	8	402	8	47.1	0.0	68.4	71.8	71.2	65.5	62.4
11	2	8	402	12	48.5	0.0	67.8	71.6	70.8	64.0	62.8
11	2	8	402	16	48.4	0.0	68.5	72.0	71.0	65.4	61.8
11	5	8	405	16	46.7	0.0	64.5	70.3	70.5	63.1	59.5
11	5	8	405	20	47.8	0.0	63.8	70.1	69.3	63.2	59.9
11	6	8	406	12	46.5	0.0	63.8	70.0	69.5	62.1	59.7
11	6	8	406	16	47.	0.0	63.5	70.0	69.5	62.3	59.0
11	6	8	406	20	47.4	0.0	63.8	70.0	69.5	62.9	59.2
11	9	8	409	12	55.	0.0	64.1	69.7	69.3	62.3	59.3
11	9	8	409	16	53.7	0.0	63.4	70.7	71.4	61.7	61.0
11	9	8	409	20	51.5	0.0	61.6	67.7	67.2	61.7	62.1
11	10	8	410	0	46.7	0.0	64.7	69.4	70.0	62.3	59.3
11	10	8	410	4	45.4	0.0	64.7	69.6	69.3	62.7	60.3
11	10	8	410	8	44.8	0.0	64.6	69.5	69.5	62.5	60.5
11	12	8	412	0	44.8	0.0	63.1	69.1	69.1	63.7	60.7
11	12	8	412	4	44.8	0.0	63.1	69.1	69.1	63.7	60.7
11	12	8	412	8	44.8	0.0	63.1	69.1	69.1	63.7	60.7
11	12	8	412	12	44.8	0.0	63.1	69.1	69.1	63.7	60.7
11	12	8	412	16	44.8	0.0	63.1	69.1	69.1	63.7	60.7
11	12	8	412	20	44.8	0.0	63.1	69.1	69.1	63.7	60.7
11	14	8	414	0	48.2	0.0	62.6	68.6	68.5	63.3	59.8
11	14	8	414	4	48.2	0.0	62.6	68.6	68.5	63.3	59.8
11	14	8	414	8	48.2	0.0	62.6	68.6	68.5	63.3	59.8
11	14	8	414	12	48.2	0.0	62.6	68.6	68.5	63.3	59.8
11	14	8	414	16	48.2	0.0	62.6	68.6	68.5	63.3	59.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
11	14	8	414	20	48.2	0.0	62.4	68.6	68.5	63.3	59.8
11	15	8	415	0	48.0	0.0	62.2	68.2	68.4	62.2	59.1
11	15	8	415	4	48.0	0.0	62.2	68.2	68.4	62.2	59.1
11	15	8	415	8	48.0	0.0	62.2	68.2	68.4	62.2	59.1
11	15	8	415	12	48.0	0.0	62.2	68.2	68.4	62.2	59.1
11	15	8	415	16	48.0	0.0	62.2	68.2	68.4	62.2	59.1
11	15	8	415	20	48.0	0.0	62.2	68.2	68.4	62.2	59.1
11	18	8	418	0	45.2	0.0	63.6	68.1	68.4	62.1	61.7
11	18	8	418	4	45.2	0.0	63.6	68.1	68.4	62.1	61.7
11	18	8	418	8	45.2	0.0	63.6	68.1	68.4	62.1	61.7
11	18	8	418	12	45.2	0.0	63.6	68.1	68.4	62.1	61.7
11	18	8	418	16	45.2	0.0	63.6	68.1	68.4	62.1	61.7
11	18	8	418	20	45.2	0.0	63.6	68.1	68.4	62.1	61.7
11	19	8	419	0	45.6	0.0	63.6	67.6	67.6	62.7	60.6
11	19	8	419	4	45.6	0.0	63.6	67.6	67.6	62.7	60.6
11	19	8	419	8	45.6	0.0	63.6	67.6	67.6	62.7	60.6
11	19	8	419	12	45.6	0.0	63.6	67.6	67.6	62.7	60.6
11	19	8	419	16	45.6	0.0	63.6	67.6	67.6	62.7	60.6
11	25	8	425	12	48.6	0.0	63.1	67.6	67.6	62.1	61.0
11	25	8	425	16	48.6	0.0	63.4	67.3	67.3	62.5	60.8
11	25	8	425	20	48.6	0.0	63.4	67.3	67.3	62.5	60.8
11	26	8	426	0	50.6	0.0	63.6	67.3	67.3	63.5	60.8
11	26	8	426	4	50.6	0.0	63.6	67.3	67.3	63.5	60.8
11	26	8	426	8	50.6	0.0	63.6	67.3	67.3	63.4	60.8
11	26	8	426	12	50.7	0.0	63.1	67.3	67.3	63.4	60.8
11	26	8	426	16	47.	0.0	63.1	67.3	67.3	63.4	60.8
11	26	8	426	20	45.	0.0	63.1	67.3	67.3	63.4	60.8
11	27	8	427	0	44.6	0.0	63.1	67.3	67.3	63.3	60.8
11	27	8	427	4	44.6	0.0	63.1	67.3	67.3	63.3	61.1
11	27	8	427	8	44.6	0.0	63.1	67.3	67.3	63.3	61.1
11	27	8	427	12	43.9	0.0	62.9	67.2	67.3	63.2	61.1
11	27	8	427	16	43.9	0.0	63.1	67.3	67.3	63.3	61.2
11	27	8	427	20	44.1	0.0	63.	67.2	67.2	63.3	61.0
11	28	8	428	0	43.3	0.0	63.1	67.3	67.3	63.3	60.7
11	28	8	428	4	43.3	0.0	63.1	67.2	67.3	63.2	60.5
11	28	8	428	8	44.5	0.0	63.1	67.2	67.3	63.2	60.3
11	28	8	428	12	46.4	0.0	62.5	67.2	67.2	63.2	60.2
11	28	8	428	16	50.3	0.0	62.5	67.2	67.2	63.1	60.1
11	28	8	428	20	56.4	0.0	62.5	67.2	67.2	63.1	60.0
11	29	8	429	0	59.	0.0	62.7	67.2	67.2	63.1	59.9
11	29	8	429	4	60.	0.0	62.5	67.2	67.2	63.	59.8
12	2	8	432	12	7 .	0.0	56.3	67.2	67.2	62.5	59.6
12	2	8	432	16	47.5	0.0	57.3	67.2	67.1	62.5	59.6
12	2	8	432	20	51.8	0.0	57.3	67.2	67.1	62.7	59.6
12	3	8	433	0	47.1	0.0	57.3	67.2	67.1	62.3	59.7
12	3	8	433	4	46.	0.0	57.3	67.2	67.1	62.3	59.7
12	3	8	433	8	46.1	0.0	57.3	67.2	67.1	62.3	59.8
12	3	8	433	12	47.	0.0	57.3	67.2	67.1	62.3	59.8
12	3	8	433	16	47.	0.0	57.3	67.2	67.1	62.3	59.9
12	4	8	434	12	44.3	0.0	56.1	67.2	67.1	62.3	59.9
12	4	8	434	16	47.3	0.0	56.3	67.1	67.1	62.3	59.9
12	4	8	434	20	47.3	0.0	56.1	67.1	67.1	62.3	59.8
12	5	8	435	0	43.5	0.0	56.3	67.1	67.1	62.3	59.8

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T15	T14	T8	T9
12	5	8	435	4	43.2	.0	65.4	67.7	67.1	62.3	59.8
12	5	8	435	8	43.3	.0	65.	67.3	67.1	62.7	59.9
12	5	8	435	12	43.1	.0	64.9	67.8	67.1	62.7	60.0
12	5	8	435	16	42.	.0	64.7	67.8	67.1	62.7	60.1
12	5	8	435	20	42.8	.0	64.7	67.3	67.1	62.6	60.1
12	6	8	436	12	41.7	.0	62.1	67.7	67.2	62.4	59.9
12	6	8	436	16	42.7	.0	62.1	67.7	67.2	62.4	60.0
12	6	8	436	20	41.3	.0	61.9	67.5	67.3	62.5	60.1
12	7	8	437	4	40.3	.0	61.2	67.5	67.3	62.5	60.4
12	7	8	437	8	40.1	.0	60.9	67.5	67.3	62.5	60.6
12	7	8	437	12	39.9	.0	60.4	67.5	67.3	62.5	60.9
12	7	8	437	16	40.1	.0	60.5	67.4	67.3	62.7	61.1
12	7	8	437	20	40.5	.0	60.5	63.4	67.2	62.7	61.4
12	8	8	438	0	40.6	.0	60.5	62.3	63.2	62.8	61.5
12	8	8	438	4	40.3	.0	60.3	63.3	63.2	62.8	61.6
12	8	8	438	8	40.7	.0	60.5	66.2	66.7	62.4	60.9
12	8	8	438	12	40.7	.0	60.5	66.2	66.7	62.7	60.9
12	8	8	438	16	40.3	.0	60.5	66.2	66.7	62.7	60.9
12	8	8	438	20	39.9	.0	60.7	66.2	66.7	62.7	60.9
12	9	8	439	0	39.1	.0	60.4	66.1	66.7	62.7	60.9
12	9	8	439	4	39.1	.0	60.7	66.1	66.6	62.7	60.9
12	9	8	439	8	39.3	.0	60.7	66.1	66.6	62.7	60.9
12	9	8	439	12	40.3	.0	60.6	66.1	66.5	62.8	60.8
12	9	8	439	16	39.3	.0	60.5	66.1	66.5	62.8	60.7
12	9	8	439	20	39.1	.0	60.5	66.1	66.5	62.8	60.7
12	10	8	440	0	39.2	.0	60.5	66.1	66.5	62.8	60.7
12	10	8	440	4	39.5	.0	60.4	66.2	66.5	62.8	63.5
12	10	8	440	8	39.3	.0	60.4	66.0	66.5	62.8	60.6
12	10	8	440	12	39.5	.0	60.5	65.9	66.5	62.7	60.5
12	10	8	440	16	39.5	.0	60.5	65.9	66.5	62.7	60.5
12	10	8	440	20	39.5	.0	60.5	65.9	66.5	62.7	60.5
12	11	8	441	0	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	11	8	441	4	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	11	8	441	8	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	11	8	441	12	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	11	8	441	16	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	11	8	441	20	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	12	8	442	0	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	12	8	442	4	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	12	8	442	8	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	12	8	442	12	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	12	8	442	16	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	12	8	442	20	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	13	8	443	0	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	13	8	443	4	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	13	8	443	8	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	13	8	443	12	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	13	8	443	16	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	13	8	443	20	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	14	8	444	0	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	14	8	444	4	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	14	8	444	8	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	14	8	444	12	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	14	8	444	16	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	14	8	444	20	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	15	8	445	0	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	15	8	445	4	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	15	8	445	8	39.6	.0	60.5	65.9	66.5	62.7	60.5
12	15	8	445	12	40.1	.0	60.	65.9	66.5	62.7	60.5
12	15	8	445	16	39.	.0	59.9	65.9	66.4	62.7	60.3
12	15	8	445	20	39.4	.0	59.9	65.9	66.3	62.7	60.2
12	16	8	446	0	39.7	.0	59.9	65.7	66.3	62.6	60.5
12	16	8	446	4	39.7	.0	59.9	65.7	66.3	62.6	60.5
12	16	8	446	8	39.7	.0	59.9	65.7	66.3	62.6	60.5
12	16	8	446	12	40.	.0	59.9	65.7	66.3	62.6	60.5
12	16	8	446	16	40.	.0	59.9	65.7	66.3	62.6	60.5
12	16	8	446	20	40.	.0	59.9	65.7	66.3	62.6	60.5
12	17	8	447	0	40.	.0	59.9	65.7	66.3	62.6	60.5
12	17	8	447	4	40.	.0	59.9	65.7	66.3	62.6	60.5
12	17	8	447	8	40.	.0	59.9	65.7	66.3	62.6	60.5
12	17	8	447	12	40.7	.0	59.9	65.7	66.3	62.6	60.5
12	17	8	447	16	40.3	.0	59.9	65.7	66.3	62.6	60.5
12	17	8	447	20	39.9	.0	59.7	65.7	66.3	62.6	60.5
12	18	8	448	0	39.1	.0	59.6	66.1	66.3	62.6	60.5
12	18	8	448	4	39.1	.0	59.7	66.1	66.3	62.6	60.5
12	18	8	448	8	39.3	.0	59.7	66.1	66.3	62.6	60.5
12	18	8	448	12	40.3	.0	59.6	66.1	66.3	62.6	60.5
12	18	8	448	16	39.3	.0	59.5	66.1	66.3	62.6	60.5
12	18	8	448	20	39.1	.0	59.5	66.1	66.3	62.6	60.5
12	19	8	449	0	39.2	.0	59.5	66.1	66.3	62.6	60.5
12	19	8	449	4	39.5	.0	59.4	66.0	66.3	62.6	60.5
12	19	8	449	8	39.3	.0	59.4	66.0	66.3	62.6	60.5
12	19	8	449	12	39.5	.0	59.5	65.9	66.3	62.6	60.5
12	19	8	449	16	39.5	.0	59.5	65.9	66.3	62.6	60.5
12	19	8	449	20	39.5	.0	59.5	65.9	66.3	62.6	60.5
12	20	8	450	0	39.6	.0	59.5	65.9	66.3	62.6	60.5
12	20	8	450	4	39.6	.0	59.5	65.9	66.3	62.6	60.5
12	20	8	450	8	39.6	.0	59.5	65.9	66.3	62.6	60.5
12	20	8	450	12	39.6	.0	59.5	65.9	66.3	62.6	60.5
12	20	8	450	16	39.6	.0	59.5	65.9	66.3	62.6	60.5
12	20	8	450	20	39.6	.0	59.5	65.9	66.3	62.6	60.5
12	21	8	451	0	39.7	.0	59.5	65.9	66.3	62.6	60.5
12	21	8	451	4	39.7	.0	59.5	65.9	66.3	62.6	60.5
12	21	8	451	8	39.7	.0	59.5	65.9	66.3	62.6	60.5
12	21	8	451	12	40.	.0	59.5	65.9	66.3	62.6	60.5
12	21	8	451	16	40.	.0	59.5	65.9	66.3	62.6	60.5
12	21	8	451	20	40.	.0	59.5	65.9	66.3	62.6	60.5
12	22	8	452	0	40.	.0	59.5	65.9	66.3	62.6	60.5
12	22	8	452	4	40.	.0	59.5	65.9	66.3	62.6	60.5
12	22	8	452	8	40.	.0	59.5	65.9	66.3	62.6	60.5
12	22	8	452	12	40.	.0	59.5	65.9	66.3	62.6	60.5
12	22	8	452	16	40.1	.0	59.5	65.9	66.3	62.6	60.5
12	22	8	452	20	40.	.0	59.5	65.9	66.3	62.6	60.5
12	23	8	453	0	39.9	.0	59.5	65.9	66.3	62.6	60.5
12	23	8	453	4	40.5	.0	59.5	65.4	66.1	62.6	59.9
12	23	8	453	8	40.7	.0	59.5	65.5	66.1	62.5	59.9
12	23	8	453	12	41.7	.0	59.1	65.5	66.1	62.1	59.9
12	23	8	453	16	40.5	.0	59.1	65.5	66.1	62.1	59.9
12	23	8	453	20	40.3	.0	59.1	65.5	66.1	62.2	59.1

LYSIMETER TEMPERATURES

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO	HR	T7	T4	T5	T13	T14	T8	T9
12	23	8	453	20	39.7	0.0	58.9	65.4	66.1	62.3	59.2
12	24	8	454	0	39.5	[illegible]	59.7	64.4	66.1	62.2	59.4
12	24	8	454	4	39.4	[illegible]	58.5	65.4	66.1	62.2	59.7
12	24	8	454	8	39.5	[illegible]	59.5	65.4	66.1	62.2	60.0
12	24	8	454	12	39.6	[illegible]	58.8	65.4	66.1	62.3	60.3
12	24	8	454	16	39.5	[illegible]	58.5	65.3	66.1	62.2	60.6
12	24	8	454	20	39.7	[illegible]	58.4	65.3	66.0	62.3	60.8
12	25	8	455	0	39.8	[illegible]	58.2	65.3	66.0	62.4	61.0
12	25	8	455	4	39.4	[illegible]	58.2	65.3	66.0	62.4	61.1
12	25	8	455	8	39.4	[illegible]	58.2	64.3	66.0	62.5	60.2
12	25	8	455	12	39.1	[illegible]	58.2	64.3	66.0	62.4	60.3
12	25	8	455	16	39.2	0.0	58.1	63.2	66.0	62.4	61.7
12	25	8	455	20	39.3	[illegible]	57.7	65.2	66.0	62.7	62.1
12	26	8	456	0	39.	[illegible]	57.7	65.2	66.0	62.7	62.1
12	26	8	456	4	39.2	[illegible]	56.5	64.2	66.0	62.3	62.3
12	26	8	456	8	39.2	[illegible]	56.4	65.1	66.0	62.9	62.4
12	26	8	456	12	39.1	[illegible]	56.5	64.1	66.0	63.2	62.6
12	26	8	456	16	39.4	[illegible]	57.7	64.0	65.9	63.1	62.6
12	26	8	456	20	39.1	[illegible]	56.4	65.0	64.9	63.1	62.5
12	27	8	457	0	39.0	[illegible]	56.5	65.0	64.9	63.2	62.3
12	27	8	457	4	39.2	[illegible]	57.6	64.9	65.9	63.2	62.1
12	27	8	457	8	39.0	[illegible]	57.1	64.9	65.9	63.2	61.9
12	27	8	457	12	39.0	[illegible]	57.4	64.8	65.8	63.2	61.7
12	27	8	457	16	40.	[illegible]	57.5	64.9	65.9	63.2	61.4
12	27	8	457	20	39.4	[illegible]	57.5	64.8	65.8	63.2	61.1
12	28	8	458	[illegible]	39.4	[illegible]	57.4	64.8	65.8	63.1	60.7
12	28	8	458	4	39.3	[illegible]	57.4	64.8	61.8	63.1	60.5
12	28	8	458	8	39.3	[illegible]	57.5	64.7	65.7	63.1	60.3
12	28	8	458	12	39.1	[illegible]	57.4	64.7	65.7	63.0	60.2
12	28	8	458	16	39.1	[illegible]	57.4	64.7	65.7	63.0	59.7
12	28	8	458	20	4	[illegible]	57.4	64.7	65.7	63.0	59.4
12	29	8	459	[illegible]	[illegible]	[illegible]	57.	64.7	65.7	63.0	59.1
12	29	8	459	4	[illegible]	[illegible]	58.1	64.7	65.7	62.9	58.8
12	29	8	459	8	40.	[illegible]	58.2	64.7	65.7	62.9	58.5
12	29	8	459	12	40.1	[illegible]	58.2	64.7	65.7	62.8	58.4
12	29	8	459	16	40.3	[illegible]	57.7	64.3	65.6	61.9	57.1
12	29	8	459	20	39.7	[illegible]	58.1	64.5	65.6	61.9	57.1
12	30	8	460	0	39.7	[illegible]	57.8	64.3	65.6	62.	57.1

SECTION 1-B

LYSIMETER GAS COMPOSITION

Notes:

1. Nomenclature

   CO_2 = Carbon Dioxide
   O_2 = Oxygen
   N_2 = Nitrogen
   CH_4 = Methane
   H_2S = Hydrogen
   CO = Carbon Monoxide

2. All results are in percent of total gas.

TOP PORT

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
10	4	7		7	G1	0.2	27.7	72.1	0.0	0.0	0.0
10	9	7		12	G1	0.9	31.6	67.5	0.0	0.0	0.0
10	16	7		19	G1	0.2	30.0	69.8	0.0	0.0	0.0
10	18	7		21	G1	0.2	29.7	70.1	0.0	0.0	0.0
10	20	7		23	G1	0.5	27.4	72.1	0.0	0.0	0.0
10	23	7		26	G1	0.1	29.2	70.7	0.0	0.0	0.0
10	25	7		28	G1	1.3	25.6	72.8	0.0	0.0	0.0
10	27	7		30	G1	0.4	19.0	80.6	0.0	0.0	0.0
10	30	7		33	G1	0.3	18.1	81.6	0.0	0.0	0.0
11	1	7		35	G1	1.3	19.7	79.0	0.0	0.0	0.0
11	8	7		42	G1	1.2	19.3	79.5	0.0	0.0	0.0
11	10	7		44	G1	1.1	21.5	77.4	0.0	0.0	0.0
11	13	7		47	G1	0.4	21.7	77.8	0.0	0.0	0.0
11	15	7		49	G1	0.1	25.2	74.6	0.0	0.0	0.0
11	17	7		51	G1	0.2	23.3	76.8	0.0	0.0	0.0
11	20	7		54	G1	0.8	27.3	72.0	0.0	0.0	0.0
11	21	7		55	G1	0.4	23.1	76.4	0.0	0.0	0.0
11	27	7		61	G1	0.4	26.0	73.6	0.0	0.0	0.0
11	29	7		63	G1	0.1	22.6	77.3	0.0	0.0	0.0
12	1	7		65	G1	0.2	25.9	73.9	0.0	0.0	0.0
12	4	7		68	G1	0.2	24.6	75.2	0.0	0.0	0.0
12	6	7		70	G1	0.2	27.2	72.6	0.0	0.0	0.0
12	8	7		72	G1	0.3	22.9	76.7	0.0	0.0	0.0
12	11	7		75	G1	1.0	24.2	74.3	0.0	0.0	0.0
12	13	7		77	G1	0.5	19.9	79.6	0.0	0.0	0.0
12	18	7		82	G1	0.1	20.1	79.8	0.0	0.0	0.0
12	20	7		84	G1	1.5	18.7	79.8	0.0	0.0	0.0
12	22	7		86	G1	0.9	20.6	78.5	0.0	0.0	0.0
12	26	7		90	G1	2.9	18.3	78.8	0.0	0.0	0.0
12	27	7		91	G1	1.8	18.6	79.6	0.0	0.0	0.0
1	3	8		98	G1	0.1	19.5	80.4	0.0	0.0	0.0
1	10	8		105	G1	0.1	19.5	80.4	0.0	0.0	0.0
1	17	8		112	G1	0.2	19.2	80.6	0.0	0.0	0.0
1	19	8		114	G1	0.1	20.4	79.5	0.0	0.0	0.0
1	22	8		117	G1	0.2	20.7	79.2	0.0	0.0	0.0
1	24	8		119	G1	0.1	21.5	78.4	0.0	0.0	0.0
1	26	8		121	G1	0.1	22.3	77.6	0.0	0.0	0.0
1	29	8		124	G1	0.1	20.6	79.3	0.0	0.0	0.0
1	31	8		126	G1	0.1	20.6	79.3	0.0	0.0	0.0
2	2	8		128	G1	0.1	20.3	79.6	0.0	0.0	0.0
2	5	8		131	G1	0.1	22.4	77.5	0.0	0.0	0.0
2	7	8		133	G1	0.1	19.8	80.1	0.0	0.0	0.0
2	9	8		135	G1	0.1	20.6	79.3	0.0	0.0	0.0
2	12	8		138	G1	0.1	20.0	79.8	0.0	0.0	0.0
2	16	8		142	G1	0.1	20.4	79.5	0.0	0.0	0.0
2	21	8		147	G1	0.1	20.9	79.0	0.0	0.0	0.0
2	23	8		149	G1	0.1	20.9	79.0	0.0	0.0	0.0
2	26	8		152	G1	0.1	22.2	77.7	0.0	0.0	0.0
2	28	8		154	G1	0.1	19.3	79.9	0.0	0.0	0.0
3	1	8		155	G1	0.2	18.6	81.1	0.0	0.0	0.0
3	4	8		158	G1	0.1	19.6	80.3	0.0	0.0	0.0
3	6	8		161	G1	0.1	21.0	79.5	0.0	0.0	0.0
3	8	8		163	G1	0.1	20.0	79.9	0.0	0.0	0.0
3	13	8		168	G1	0.1	21.7	78.2	0.0	0.0	0.0
3	15	8		170	G1	0.1	21.0	78.9	0.0	0.0	0.0

TOP PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
3	18	8	173	C1	0.1	22.0	78.0	0.0	0.0	0.0
3	20	8	175	C1	0.1	20.0	79.4	0.0	0.0	0.0
3	22	8	177	C1	0.1	19.1	80.9	0.0	0.0	0.0
3	25	8	180	C1	0.1	21.6	78.3	0.0	0.0	0.0
3	27	8	182	C1	0.1	20.5	79.4	0.0	0.0	0.0
3	29	8	184	C1	0.1	22.3	77.4	0.0	0.0	0.0
4	1	8	187	C1	0.1	20.0	79.9	0.0	0.0	0.0
4	3	8	189	C1	0.1	20.7	79.2	0.0	0.0	0.0
4	8	8	194	C1	0.1	20.5	79.3	0.0	0.0	0.0
4	10	8	196	C1	0.1	20.8	79.1	0.0	0.0	0.0
4	15	8	201	C1	0.1	20.6	79.3	0.0	0.0	0.0
4	17	8	203	C1	0.1	20.8	79.1	0.0	0.0	0.0
4	19	8	205	C1	0.1	20.1	79.8	0.0	0.0	0.0
4	24	8	210	C1	0.1	19.6	80.2	0.0	0.0	0.0
4	26	8	212	C1	0.1	19.4	80.5	0.0	0.0	0.0
4	29	8	215	C1	0.1	20.0	80.0	0.0	0.0	0.0
5	1	8	217	C1	0.1	20.1	79.8	0.0	0.0	0.0
5	3	8	219	C1	0.1	19.5	80.4	0.0	0.0	0.0
5	6	8	222	C1	0.1	19.5	80.4	0.0	0.0	0.0
5	10	8	226	C1	0.1	33.1	66.8	0.0	0.0	0.0
5	13	8	229	C1	0.2	20.0	79.8	0.0	0.0	0.0
5	15	8	231	C1	0.2	19.8	80.0	0.0	0.0	0.0
5	17	8	233	C1	0.2	19.3	79.4	0.0	0.0	0.0
5	24	8	240	C1	0.3	19.0	80.2	0.0	0.0	0.0
5	27	8	243	C1	0.2	20.0	79.7	0.0	0.0	0.0
5	29	8	245	C1	0.3	18.2	81.5	0.0	0.0	0.0
5	31	8	247	C1	0.2	18.9	81.8	0.0	0.0	0.0
6	3	8	250	C1	0.3	18.7	81.0	0.0	0.0	0.0
6	6	8	253	C1	0.2	19.6	80.2	0.0	0.0	0.0
6	10	8	257	C1	0.2	20.7	79.1	0.0	0.0	0.0
6	17	8	264	C1	0.2	20.0	79.8	0.0	0.0	0.0
6	19	8	266	C1	0.2	19.8	80.0	0.0	0.0	0.0
6	21	8	268	C1	0.3	19.8	79.8	0.0	0.0	0.0
6	24	8	271	C1	0.3	19.8	79.8	0.0	0.0	0.0
6	26	8	273	C1	0.4	19.3	79.4	0.1	0.0	0.0
6	28	8	275	C1	0.4	18.5	81.1	0.0	0.0	0.0
7	1	8	278	C1	0.4	18.6	80.9	0.0	0.0	0.0
7	3	8	280	C1	0.3	18.9	80.8	0.0	0.0	0.0
7	5	8	282	C1	0.3	17.2	82.4	0.0	0.0	0.0
7	12	8	289	C1	0.2	20.3	79.5	0.0	0.0	0.0
7	15	8	292	C1	0.3	18.4	81.3	0.0	0.0	0.0
7	19	8	296	C1	0.3	19.2	80.5	0.0	0.0	0.0
7	22	8	299	C1	0.3	19.9	79.5	0.0	0.0	0.0
7	24	8	301	C1	0.3	19.8	79.9	0.0	0.0	0.0
7	26	8	303	C1	0.3	19.3	79.8	0.0	0.0	0.0
7	29	8	306	C1	0.3	19.6	80.1	0.0	0.0	0.0
7	31	8	308	C1	0.4	19.7	79.9	0.0	0.0	0.0
8	2	8	310	C1	0.4	19.8	79.8	0.0	0.0	0.0
8	5	8	313	C1	0.4	17.4	82.2	0.0	0.0	0.0
8	7	8	315	C1	0.2	20.4	79.3	0.0	0.0	0.0
8	9	8	317	C1	0.3	19.3	79.3	0.1	0.0	0.0
8	12	8	320	C1	0.3	20.0	79.7	0.0	0.0	0.0
8	16	8	324	C1	0.0	0.0	0.0	0.0	0.0	0.0
8	19	8	327	C1	0.3	19.7	80.0	0.0	0.0	0.0
8	21	8	329	C1	0.3	19.7	80.0	0.0	0.0	0.0

TOP PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
8	23	8	331	G1	1.0	21.9	77.8	0.0	0.0	0.0
8	26	8	334	G1	0.4	20.0	79.6	0.0	0.0	0.0
8	28	8	336	G1	0.4	20.4	79.2	0.0	0.0	0.0
8	30	8	338	G1	0.4	19.1	80.5	0.0	0.0	0.0
9	4	8	343	G1	0.5	18.2	81.2	0.0	0.0	0.0
9	6	8	345	G1	17.3	4.8	67.5	10.3	0.0	0.0
9	10	8	349	G1	0.5	19.8	88.9	0.8	0.0	0.0
9	13	8	352	G1	0.6	18.5	80.9	0.0	0.0	0.0
9	16	8	355	G1	0.7	20.1	79.2	0.0	0.0	0.0
9	18	8	357	G1	1.0	18.3	80.7	0.0	0.0	0.0
9	23	8	362	G1	1.0	17.4	81.7	0.0	0.0	0.0
9	26	8	365	G1	1.5	18.6	79.8	0.1	0.0	0.0
9	30	8	369	G1	4.5	16.1	79.0	0.3	0.0	0.0
10	3	8	372	G1	1.3	19.0	79.5	0.1	0.0	0.0
10	7	8	376	G1	0.4	19.7	79.9	0.0	0.0	0.0
10	11	8	380	G1	1.4	17.8	80.8	0.0	0.0	0.0
10	14	8	383	G1	0.3	20.5	79.2	0.2	0.0	0.0
10	23	8	392	G1	0.0	0.0	0.0	0.0	0.0	0.0
10	25	8	394	G1	1.5	18.8	79.6	0.0	0.0	0.0
10	28	8	397	G1	0.5	21.1	78.3	0.0	0.0	0.0
11	1	8	401	G1	1.1	23.1	75.8	0.0	0.0	0.0
11	4	8	404	G1	0.4	16.4	83.2	0.0	0.0	0.0
11	6	8	406	G1	1.2	19.2	79.6	0.0	0.0	0.0
11	8	8	408	G1	2.1	18.3	79.6	0.0	0.0	0.0
11	11	8	411	G1	1.2	19.2	79.4	0.1	0.0	0.0
11	14	8	414	G1	1.2	2.5	96.3	0.1	0.0	0.0
11	22	8	422	G1	1.4	19.0	79.6	0.0	0.0	0.0
12	4	8	435	G1	5.1	17.6	74.9	2.3	0.0	0.0
12	10	8	441	G1	1.2	22.2	75.6	0.0	0.0	0.0
12	13	8	444	G1	0.3	17.5	82.2	0.0	0.0	0.0
12	30	8	459	G1	0.7	19.9	79.1	0.1	0.0	0.0

SECOND PORT

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
10	4	7		7	G2	17.5	11.7	70.8	0.0	0.0	0.0
10	9	7		12	G2	14.1	13.5	72.4	0.0	0.0	0.0
10	16	7		19	G2	5.9	22.7	71.4	0.0	0.0	0.0
10	18	7		21	G2	7.2	21.8	71.0	0.0	0.0	0.0
10	20	7		23	G2	8.5	18.1	73.4	0.0	0.0	0.0
10	23	7		26	G2	11.6	15.0	73.4	0.0	0.0	0.0
10	25	7		28	G2	9.6	16.2	74.2	0.0	0.0	0.0
10	27	7		30	G2	9.5	11.8	78.7	0.0	0.0	0.0
10	30	7		33	G2	16.8	5.4	77.7	0.0	0.0	0.0
11	1	7		35	G2	10.3	6.3	83.4	0.0	0.0	0.0
11	8	7		42	G2	11.9	6.8	81.3	0.0	0.0	0.0
11	10	7		44	G2	16.7	6.7	76.7	0.0	0.0	0.0
11	13	7		47	G2	13.6	11.4	74.9	0.0	0.0	0.0
11	15	7		49	G2	13.3	10.2	76.5	0.0	0.0	0.0
11	17	7		51	G2	13.3	16.7	70.0	0.0	0.0	0.0
11	20	7		54	G2	8.3	15.5	76.1	0.0	0.0	0.0
11	21	7		55	G2	12.4	18.4	69.3	0.0	0.0	0.0
11	27	7		61	G2	8.3	16.2	75.5	0.0	0.0	0.0
11	29	7		63	G2	8.4	24.2	67.5	0.0	0.0	0.0
12	1	7		65	G2	16.7	10.0	73.3	0.0	0.0	0.0
12	4	7		68	G2	11.3	17.7	71.0	0.0	0.0	0.0
12	6	7		70	G2	5.6	15.4	79.1	0.0	0.0	0.0
12	8	7		72	G2	4.4	23.2	72.5	0.0	0.0	0.0
12	11	7		75	G2	5.0	15.6	79.4	0.0	0.0	0.0
12	13	7		77	G2	7.4	15.5	77.2	0.0	0.0	0.0
12	18	7		82	G2	7.7	16.9	75.4	0.0	0.0	0.0
12	20	7		84	G2	7.1	15.6	77.3	0.0	0.0	0.0
12	22	7		86	G2	7.9	15.5	76.6	0.0	0.0	0.0
12	26	7		90	G2	8.7	15.5	75.8	0.0	0.0	0.0
12	27	7		91	G2	10.0	13.5	76.5	0.0	0.0	0.0
1	3	8		98	G2	14.4	8.3	77.3	0.0	0.0	0.0
1	10	8		105	G2	12.9	10.6	76.5	0.0	0.0	0.0
1	17	8		112	G2	18.5	6.2	75.3	0.0	0.0	0.0
1	19	8		114	G2	18.2	4.6	77.2	0.0	0.0	0.0
1	22	8		117	G2	22.1	4.0	73.9	0.0	0.0	0.0
1	24	8		119	G2	20.0	5.3	74.3	0.0	0.0	0.0
1	26	8		121	G2	22.2	4.1	73.6	0.1	0.0	0.0
1	29	8		124	G2	24.9	2.9	72.2	0.1	0.0	0.0
1	31	8		126	G2	20.9	5.8	73.2	0.1	0.0	0.0
2	2	8		128	G2	20.3	4.9	74.6	0.1	0.0	0.0
2	5	8		131	G2	20.3	5.9	73.7	0.1	0.0	0.0
2	7	8		133	G2	10.1	14.0	75.9	0.0	0.0	0.0
2	9	8		135	G2	23.1	3.5	73.0	0.3	0.0	0.0
2	12	8		138	G2	12.2	10.7	77.1	0.1	0.0	0.0
2	16	8		142	G2	18.1	5.9	75.8	0.2	0.0	0.0
2	21	8		147	G2	22.8	5.6	71.1	0.4	0.0	0.0
2	23	8		149	G2	17.0	7.1	75.6	0.3	0.0	0.0
2	26	8		152	G2	14.8	9.2	75.6	0.3	0.0	0.0
2	28	8		154	G2	18.5	5.8	75.6	0.1	0.0	0.0
3	1	8		156	G2	17.0	8.9	73.7	0.4	0.0	0.0
3	4	8		159	G2	15.5	9.4	74.7	0.3	0.0	0.0
3	6	8		161	G2	13.9	10.4	75.3	0.3	0.0	0.0
3	8	8		163	G2	14.5	8.9	76.3	0.3	0.0	0.0
3	13	8		168	G2	17.5	7.4	74.6	0.4	0.0	0.0
3	15	8		170	G2	18.6	7.8	73.0	0.6	0.0	0.0

SECOND PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
3	18	8	173	G2	16.8	9.3	73.4	0.4	0.0	0.0
3	20	8	175	G2	14.6	9.7	75.2	0.4	0.0	0.0
3	22	8	177	G2	17.7	10.1	71.7	0.4	0.0	0.0
3	25	8	180	G2	13.7	9.3	76.6	0.3	0.0	0.0
3	27	8	182	G2	14.2	9.7	75.7	0.4	0.0	0.0
3	29	8	184	G2	14.0	9.1	76.5	0.4	0.0	0.0
4	1	8	187	G2	13.2	11.8	74.7	0.3	0.0	0.0
4	3	8	189	G2	16.0	12.5	70.5	1.1	0.0	0.0
4	8	8	194	G2	16.5	8.2	74.6	0.7	0.0	0.0
4	10	8	196	G2	16.6	8.3	74.2	0.8	0.0	0.0
4	15	8	201	G2	20.2	5.9	72.8	1.1	0.0	0.0
4	17	8	203	G2	17.5	7.3	74.2	1.0	0.0	0.0
4	19	8	205	G2	16.8	5.9	76.1	1.3	0.0	0.0
4	24	8	210	G2	14.5	7.3	76.8	1.3	0.0	0.0
4	26	8	212	G2	15.2	7.0	76.7	1.1	0.0	0.0
4	29	8	215	G2	17.5	4.9	76.1	1.5	0.0	0.0
5	1	8	217	G2	19.3	4.5	75.4	1.8	0.0	0.0
5	3	8	219	G2	19.7	3.0	75.5	1.8	0.0	0.0
5	6	8	222	G2	19.3	4.1	74.5	2.1	0.0	0.0
5	10	8	226	G2	22.8	2.9	70.6	3.8	0.0	0.0
5	13	8	229	G2	23.7	2.3	69.2	4.8	0.0	0.0
5	15	8	231	G2	23.4	3.6	65.4	6.5	0.0	0.0
5	17	8	233	G2	23.9	2.5	68.2	5.4	0.0	0.0
5	24	8	240	G2	22.1	4.2	70.2	3.6	0.0	0.0
5	27	8	243	G2	21.5	3.9	70.9	3.7	0.0	0.0
5	29	8	245	G2	20.5	4.3	71.8	3.3	0.0	0.0
5	31	8	247	G2	20.3	3.1	74.9	1.7	0.0	0.0
6	3	8	250	G2	21.0	2.8	74.6	1.7	0.0	0.0
6	6	8	253	G2	20.0	3.5	73.9	2.6	0.0	0.0
6	10	8	257	G2	22.4	2.4	72.3	2.9	0.0	0.0
6	17	8	264	G2	22.4	2.4	72.3	2.9	0.0	0.0
6	19	8	266	G2	18.3	5.6	72.5	3.6	0.0	0.0
6	21	8	268	G2	20.1	3.3	72.8	3.8	0.0	0.0
6	24	8	271	G2	20.2	3.6	72.7	3.5	0.0	0.0
6	26	8	273	G2	21.1	3.2	72.1	3.6	0.0	0.0
6	28	8	275	G2	19.8	3.6	73.8	2.8	0.0	0.0
7	1	8	278	G2	22.4	1.7	73.6	2.2	0.0	0.0
7	3	8	280	G2	21.0	2.4	75.3	1.3	0.0	0.0
7	5	8	282	G2	20.5	3.3	73.6	2.6	0.0	0.0
7	12	8	289	G2	20.4	1.7	75.6	2.2	0.0	0.0
7	15	8	292	G2	23.1	1.3	71.8	3.3	0.0	0.0
7	19	8	296	G2	22.1	3.3	69.7	4.7	0.0	0.0
7	22	8	299	G2	21.4	1.6	72.5	4.5	0.0	0.0
7	24	8	301	G2	22.3	0.4	72.3	4.8	0.0	0.0
7	26	8	303	G2	27.9	1.5	65.3	5.2	0.0	0.0
7	29	8	306	G2	22.4	0.9	72.1	4.5	0.0	0.0
7	31	8	308	G2	22.3	2.9	69.8	5.0	0.0	0.0
8	2	8	310	G2	21.6	2.5	71.5	4.4	0.0	0.0
8	5	8	313	G2	19.1	2.5	76.0	2.3	0.0	0.0
8	7	8	315	G2	26.5	5.5	65.8	2.1	0.0	0.0
8	9	8	317	G2	17.8	4.2	76.1	1.9	0.0	0.0
8	12	8	320	G2	19.6	4.0	74.0	2.4	0.0	0.0
8	16	8	324	G2	20.6	2.6	73.4	3.3	0.0	0.0
8	19	8	327	G2	19.1	2.5	75.9	2.5	0.0	0.0
8	21	8	329	G2	20.4	2.2	75.0	2.3	0.0	0.0

SECOND PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
8	23	8	331	2	21.2	3.2	73.4	2.2	0.0	0.0
8	26	8	334	2	19.5	3.7	73.0	3.7	0.0	0.0
8	28	8	336	2	20.4	3.6	72.3	3.6	0.0	0.0
8	30	8	338	2	19.5	3.3	71.8	5.4	0.0	0.0
9	4	8	343	2	19.6	4.2	72.8	3.3	0.0	0.0
9	6	8	345	2	15.1	11.0	66.6	7.4	0.0	0.0
9	10	8	349	2	15.1	11.0	66.6	7.4	0.0	0.0
9	13	8	352	2	27.7	0.1	63.9	8.2	0.0	0.0
9	16	8	355	2	26.0	1.6	59.1	13.3	0.0	0.0
9	18	8	357	2	23.6	2.9	60.3	13.1	0.0	0.0
9	23	8	362	2	28.0	1.9	53.6	16.5	0.0	0.0
9	26	8	365	2	27.9	2.0	51.8	18.3	0.0	0.0
9	30	8	369	2	28.8	2.4	50.1	18.7	0.0	0.0
10	3	8	372	2	31.1	2.7	46.0	20.2	0.0	0.0
10	7	8	376	2	31.0	1.7	47.1	20.2	0.0	0.0
10	11	8	380	2	32.7	1.7	45.5	20.1	0.0	0.0
10	14	8	383	2	26.2	4.1	54.6	15.2	0.0	0.0
10	23	8	392	2	20.3	9.2	57.5	13.0	0.0	0.0
10	25	8	394	2	23.9	6.8	55.5	13.8	0.0	0.0
10	28	8	397	2	24.7	4.5	49.7	21.1	0.0	0.0
11	1	8	401	2	27.2	4.3	52.9	15.6	0.0	0.0
11	4	8	404	2	22.9	6.8	57.2	13.2	0.0	0.0
11	6	8	406	2	21.4	6.6	56.8	15.2	0.0	0.0
11	8	8	408	2	25.0	5.8	51.7	17.5	0.0	0.0
11	11	8	411	2	25.7	4.8	52.6	17.0	0.0	0.0
11	14	8	414	2	22.9	11.7	51.5	13.9	0.0	0.0
11	22	8	422	2	26.1	5.0	51.5	17.4	0.0	0.0
12	4	8	435	2	26.7	5.4	50.3	17.6	0.0	0.0
12	10	8	441	2	21.5	6.0	53.2	19.2	0.0	0.0
12	13	8	444	2	13.4	12.3	64.6	9.7	0.0	0.0
12	30	8	459	2	17.9	7.0	61.9	13.2	0.0	0.0

LYSIMETER GAS ANALYSIS

THIRD PORT

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
10	4	7		7	C3	10.3	21.0	68.7	0.0	0.0	0.0
10	9	7		12	C3	13.4	13.3	73.3	0.0	0.0	0.0
10	16	7		19	C3	17.3	12.4	70.3	0.0	0.0	0.0
10	18	7		21	C3	17.4	9.3	72.8	0.0	0.0	0.0
10	20	7		23	C3	17.3	7.2	75.5	0.0	0.0	0.0
10	23	7		26	C3	19.0	13.4	67.6	0.0	0.0	0.0
10	25	7		28	C3	19.4	4.2	76.4	0.0	0.0	0.0
10	27	7		30	C3	16.3	6.5	77.2	0.0	0.0	0.0
10	30	7		33	C3	15.8	5.3	78.9	0.0	0.0	0.0
11	1	7		35	C3	14.5	6.2	79.4	0.0	0.0	0.0
11	8	7		42	C3	20.4	6.8	72.8	0.0	0.0	0.0
11	10	7		44	C3	17.4	5.0	77.5	0.0	0.0	0.0
11	13	7		47	C3	15.8	12.6	71.5	0.0	0.0	0.0
11	15	7		49	C3	18.1	9.0	72.9	0.0	0.0	0.0
11	17	7		51	C3	20.9	6.4	72.7	0.0	0.0	0.0
11	20	7		54	C3	16.5	15.2	68.3	0.0	0.0	0.0
11	21	7		55	C3	11.4	12.8	75.7	0.0	0.0	0.0
11	27	7		61	C3	14.0	14.4	71.5	0.0	0.0	0.0
11	29	7		63	C3	16.3	10.8	72.9	0.0	0.0	0.0
12	1	7		65	C3	10.5	11.6	77.8	0.0	0.0	0.0
12	4	7		68	C3	0.0	20.2	79.8	0.0	0.0	0.0
12	6	7		70	C3	17.4	13.6	68.9	0.0	0.0	0.0
12	8	7		72	C3	19.4	0.3	80.3	0.0	0.0	0.0
12	11	7		75	C3	22.4	4.1	73.5	0.0	0.0	0.0
12	13	7		77	C3	18.6	3.0	78.4	0.0	0.0	0.0
12	18	7		82	C3	17.8	4.5	77.8	0.0	0.0	0.0
12	20	7		84	C3	16.7	5.3	77.1	0.0	0.0	0.0
12	22	7		86	C3	20.0	3.8	76.2	0.0	0.0	0.0
12	26	7		90	C3	18.5	3.9	77.7	0.0	0.0	0.0
12	27	7		91	C3	16.5	4.1	79.4	0.0	0.0	0.0
1	3	8		93	C3	18.8	5.6	75.6	0.0	0.0	0.0
1	10	8		100	C3	15.5	6.2	78.3	0.0	0.0	0.0
1	17	8		112	C3	7.5	11.8	80.4	0.0	0.0	0.0
1	19	8		114	C3	14.6	9.0	75.4	0.0	0.0	0.0
1	22	8		117	C3	13.7	10.7	75.6	0.0	0.0	0.0
1	24	8		119	C3	12.9	12.3	74.8	0.0	0.0	0.0
1	26	8		121	C3	15.7	7.4	73.8	0.0	0.0	0.0
1	29	8		124	C3	18.0	9.1	72.8	0.1	0.0	0.0
1	31	8		126	C3	14.3	11.0	74.6	0.1	0.0	0.0
2	2	8		128	C3	16.4	7.3	76.7	0.1	0.0	0.0
2	5	8		131	C3	16.0	8.2	75.0	0.1	0.0	0.0
2	7	8		133	C3	16.2	8.0	75.8	0.1	0.0	0.0
2	9	8		135	C3	18.7	7.1	74.1	0.1	0.0	0.0
2	12	8		138	C3	15.5	9.1	75.1	0.2	0.0	0.0
2	16	8		142	C3	9.0	14.4	76.5	0.1	0.0	0.0
2	21	8		147	C3	10.2	13.7	75.0	0.1	0.0	0.0
2	23	8		149	C3	12.9	12.4	74.5	0.1	0.0	0.0
2	26	8		152	C3	10.8	13.6	75.2	0.3	0.0	0.0
2	28	8		154	C3	13.5	11.6	74.7	0.2	0.0	0.0
3	1	8		156	C3	12.0	14.0	73.7	0.3	0.0	0.0
3	4	8		159	C3	13.4	13.2	73.0	0.5	0.0	0.0
3	6	8		161	C3	10.5	13.5	75.6	0.3	0.0	0.0
3	8	8		163	C3	10.1	14.1	75.5	0.3	0.0	0.0
3	13	8		168	C3	8.5	17.0	74.0	0.5	0.0	0.0
3	15	8		170	C3	16.1	10.8	72.3	0.8	0.0	0.0

THIRD PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
3	18	8	173	3	10.6	15.0	73.8	0.6	0.0	0.0
3	20	8	175	3	10.4	13.4	75.8	0.5	0.0	0.0
3	22	8	177	3	13.4	11.3	74.6	0.8	0.0	0.0
3	25	8	180	3	13.5	11.9	73.9	0.7	0.0	0.0
3	27	8	182	3	11.2	12.9	75.1	0.8	0.0	0.0
3	29	8	184	3	15.6	12.7	70.6	1.0	0.0	0.0
4	1	8	187	3	12.4	11.6	75.2	0.8	0.0	0.0
4	3	8	189	3	14.0	7.8	77.8	0.5	0.0	0.0
4	8	8	194	3	11.8	13.4	73.7	1.1	0.0	0.0
4	10	8	196	3	11.9	13.9	73.9	1.2	0.0	0.0
4	15	8	201	3	12.5	13.5	72.4	1.6	0.0	0.0
4	17	8	203	3	12.7	13.3	72.4	1.6	0.0	0.0
4	19	8	205	3	10.8	13.0	74.3	2.0	0.0	0.0
4	24	8	210	3	9.1	14.6	74.6	1.8	0.0	0.0
4	26	8	212	3	11.3	12.3	73.5	2.5	0.0	0.0
4	29	8	215	3	12.3	11.9	72.3	3.0	0.0	0.0
5	1	8	217	3	12.6	12.8	71.6	3.0	0.0	0.0
5	3	8	219	3	13.6	11.8	71.2	3.4	0.0	0.0
5	6	8	222	3	13.5	12.0	71.5	3.1	0.0	0.0
5	10	8	226	3	13.7	11.5	70.5	4.3	0.0	0.0
5	13	8	229	3	11.8	13.1	70.9	4.2	0.0	0.0
5	15	8	231	3	16.0	11.7	66.7	5.6	0.0	0.0
5	17	8	233	3	15.6	11.0	67.7	5.7	0.0	0.0
5	24	8	240	3	15.4	11.3	67.3	5.4	0.0	0.0
5	27	8	243	3	13.6	12.0	69.6	4.8	0.0	0.0
5	29	8	245	3	14.2	11.0	70.7	4.1	0.0	0.0
5	31	8	247	3	14.4	10.3	70.0	4.0	0.0	0.0
6	3	8	250	3	15.1	8.3	70.9	4.6	0.0	0.0
6	6	8	253	3	16.1	7.9	63.7	5.3	0.0	0.0
6	10	8	257	3	12.9	11.7	72.3	3.1	0.0	0.0
6	17	8	264	3	43.3	7.3	43.6	3.2	0.0	0.0
6	19	8	266	3	11.4	13.6	70.9	4.1	0.0	0.0
6	21	8	268	3	13.9	11.8	63.9	6.3	0.0	0.0
6	24	8	271	3	14.9	10.7	68.8	5.5	0.0	0.0
6	26	8	273	3	15.5	10.9	67.1	6.3	0.0	0.0
6	28	8	275	3	14.9	10.9	69.0	5.1	0.0	0.0
7	1	8	278	3	20.7	12.2	62.0	5.1	0.0	0.0
7	3	8	280	3	20.7	12.2	62.0	5.1	0.0	0.0
7	5	8	282	3	13.3	10.2	69.2	6.7	0.0	0.0
7	12	8	289	3	15.3	9.2	67.9	7.0	0.0	0.0
7	15	8	292	3	15.7	10.2	66.0	6.0	0.0	0.0
7	19	8	296	3	15.4	10.4	66.1	7.7	0.0	0.0
7	22	8	299	3	16.3	10.3	65.8	7.1	0.0	0.0
7	24	8	301	3	15.3	10.2	66.8	7.1	0.0	0.0
7	26	8	303	3	15.7	10.6	66.8	6.9	0.0	0.0
7	29	8	306	3	16.0	10.2	66.0	7.8	0.0	0.0
7	31	8	308	3	17.2	10.7	63.8	8.4	0.0	0.0
8	2	8	310	3	15.4	11.3	65.0	7.3	0.0	0.0
8	5	8	313	3	16.7	10.7	65.3	7.4	0.0	0.0
8	7	8	315	3	12.7	12.7	67.9	6.7	0.0	0.0
8	9	8	317	3	14.8	9.0	69.7	6.7	0.0	0.0
8	12	8	320	3	15.6	10.3	66.4	7.7	0.0	0.0
8	16	8	324	3	19.2	8.5	64.0	8.3	0.0	0.0
8	19	8	327	3	14.4	10.9	67.7	7.0	0.0	0.0
8	21	8	329	3	15.0	10.0	66.3	7.7	0.0	0.0

LYSIMETER GAS ANALYSIS

THIRD PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
8	23	8	331	3	15.7	10.5	66.0	7.8	0.0	0.0
8	26	8	334	3	15.0	11.9	65.8	7.3	0.0	0.0
8	28	8	336	3	18.5	12.6	61.1	7.8	0.0	0.0
8	30	8	338	3	14.9	11.5	64.6	8.8	0.0	0.0
9	4	8	343	3	9.7	13.8	70.4	6.1	0.0	0.0
9	6	8	345	3	19.4	3.7	74.3	2.6	0.0	0.0
9	10	8	349	3	35.5	-0.5	47.2	17.9	0.0	0.0
9	13	8	352	3	33.4	-0.2	48.2	18.6	0.0	0.0
9	16	8	355	3	36.3	0.0	50.0	13.7	0.0	0.0
9	18	8	357	3	30.6	2.2	49.0	18.8	0.0	0.0
9	23	8	362	3	32.5	0.4	46.0	21.2	0.0	0.0
9	26	8	365	3	33.3	2.1	44.7	19.9	0.0	0.0
9	30	8	369	3	33.2	1.1	48.6	17.2	0.0	0.0
10	3	8	372	3	34.9	1.5	42.8	20.7	0.0	0.0
10	7	8	376	3	34.6	-0.2	41.7	23.9	0.0	0.0
10	11	8	380	3	31.5	2.2	43.4	20.8	0.0	0.0
10	14	8	383	3	4.7	0.4	64.6	30.2	0.0	0.0
10	23	8	392	3	32.5	2.1	43.9	21.5	0.0	0.0
10	25	8	394	3	28.7	1.1	41.3	28.7	0.0	0.0
10	28	8	397	3	5.0	17.5	75.3	1.6	0.0	0.0
11	1	8	401	3	3.2	15.9	79.0	1.9	0.0	0.0
11	4	8	404	3	26.3	3.3	47.1	22.3	0.0	0.0
11	6	8	406	3	30.3	1.3	46.5	21.4	0.0	0.0
11	8	8	408	3	35.0	0.4	40.9	23.8	0.0	0.0
11	11	8	411	3	33.7	2.1	41.5	22.6	0.0	0.0
11	14	8	414	3	31.1	2.6	44.1	22.2	0.0	0.0
11	22	8	422	3	3.3	20.0	73.9	2.6	0.0	0.0
12	4	8	435	3	4.3	17.3	75.0	2.5	0.0	0.0
12	10	8	441	3	33.2	1.4	40.7	24.7	0.0	0.0
12	13	8	444	3	23.7	5.3	50.4	20.7	0.0	0.0
12	30	8	461	3	21.4	7.4	54.9	16.3	0.0	0.0

FOURTH PORT

MO	DA	YR	DAY	NO	LEC	CO2	O2	N2	CH4	H2S	CO
10	4	7		7	.4	14.9	14.4	70.7	0.0	0.0	0.0
10	9	7		12	.4	26.0	4.2	69.9	0.0	0.0	0.0
10	16	7		19	.4	24.7	5.3	70.0	0.0	0.0	0.0
10	18	7		21	.4	28.3	3.0	68.7	0.0	0.0	0.0
10	20	7		23	.4	20.2	3.8	76.0	0.0	0.0	0.0
10	23	7		26	.4	18.1	7.1	74.8	0.0	0.0	0.0
10	25	7		28	.4	17.8	0.4	81.9	0.0	0.0	0.0
10	27	7		30	.4	18.5	3.9	77.6	0.0	0.0	0.0
10	30	7		33	.4	21.5	2.3	76.2	0.0	0.0	0.0
11	1	7		35	.4	15.6	1.2	82.2	0.0	0.0	0.0
11	8	7		42	.4	20.2	0.9	78.9	0.0	0.0	0.0
11	10	7		44	.4	23.2	2.4	74.4	0.0	0.0	0.0
11	13	7		47	.4	15.3	3.4	81.3	0.0	0.0	0.0
11	15	7		49	.4	25.5	0.3	73.7	0.0	0.0	0.0
11	17	7		51	.4	26.8	1.4	71.8	0.0	0.0	0.0
11	20	7		54	.4	28.5	1.4	70.1	0.0	0.0	0.0
11	21	7		55	.4	26.2	3.1	71.7	0.0	0.0	0.0
11	27	7		61	.4	27.9	3.1	69.0	0.0	0.0	0.0
11	29	7		63	.4	15.0	0.9	84.1	0.0	0.0	0.0
12	1	7		65	.4	20.9	7.2	71.9	0.0	0.0	0.0
12	4	7		68	.4	25.4	-1.3	76.4	0.0	0.0	0.0
12	6	7		70	.4	30.1	4.3	65.6	0.0	0.0	0.0
12	8	7		72	.4	23.2	2.1	74.7	0.0	0.0	0.0
12	11	7		75	.4	25.0	4.3	70.0	0.0	0.0	0.0
12	13	7		77	.4	16.7	4.9	78.4	0.0	0.0	0.0
12	18	7		82	.4	15.2	6.5	78.3	0.0	0.0	0.0
12	20	7		84	.4	15.9	7.2	76.9	0.0	0.0	0.0
12	22	7		86	.4	15.6	7.4	77.0	0.0	0.0	0.0
12	26	7		90	.4	13.4	7.5	79.1	0.0	0.0	0.0
12	27	7		91	.4	13.3	6.5	79.7	0.0	0.0	0.0
1	3	8		98	.4	20.4	-1.1	80.8	0.0	0.0	0.0
1	10	8		105	.4	24.4	-0.3	75.4	0.0	0.0	0.0
1	17	8		112	.4	19.5	3.3	79.6	0.0	0.0	0.0
1	19	8		114	.4	22.2	2.3	75.5	0.0	0.0	0.0
1	22	8		117	.4	24.4	1.8	73.9	0.1	0.0	0.0
1	24	8		119	.4	26.4	1.4	72.1	0.1	0.0	0.0
1	26	8		121	.4	27.4	0.8	71.7	0.1	0.0	0.0
1	29	8		124	.4	27.5	1.2	71.2	0.1	0.0	0.0
1	31	8		126	.4	26.7	1.5	71.5	0.2	0.0	0.0
2	2	8		128	.4	28.5	1.4	69.9	0.2	0.0	0.0
2	5	8		131	.4	28.7	1.3	69.6	0.2	0.0	0.0
2	7	8		133	.4	26.6	1.3	71.7	0.2	0.0	0.0
2	9	8		135	.4	26.3	1.9	71.6	0.2	0.0	0.0
2	12	8		138	.4	27.3	0.9	70.9	0.3	0.0	0.0
2	16	8		142	.4	27.4	1.7	70.3	0.2	0.0	0.0
2	21	8		147	.4	27.0	2.9	69.7	0.3	0.0	0.0
2	23	8		149	.4	26.2	1.7	71.7	0.4	0.0	0.0
2	26	8		152	.4	28.3	1.3	69.8	0.6	0.0	0.0
2	28	8		154	.4	27.6	1.5	70.2	0.5	0.0	0.0
3	1	8		156	.4	27.6	1.5	69.8	1.0	0.0	0.0
3	4	8		159	.4	29.4	2.0	67.6	1.0	0.0	0.0
3	6	8		161	.4	31.2	2.3	65.4	1.2	0.0	0.0
3	8	8		163	.4	29.9	3.1	65.8	1.2	0.0	0.0
3	13	8		168	.4	32.4	1.7	64.3	1.6	0.0	0.0
3	15	8		170	.4	32.4	0.2	65.1	1.8	0.0	0.0

LYSIMETER GAS ANALYSIS - 68 -

FOURTH PORT

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
3	18	8	173	4	32.2	1.5	64.6	1.7	0.0	0.0
3	20	8	175	4	33.0	0.5	64.4	2.1	0.0	0.0
3	22	8	177	4	33.5	2.1	62.4	2.0	0.0	0.0
3	25	8	180	4	33.1	1.3	63.4	2.2	0.0	0.0
3	27	8	182	4	33.2	1.5	62.8	2.3	0.0	0.0
3	29	8	184	4	33.2	0.8	63.6	2.3	0.0	0.0
4	1	8	187	4	28.7	1.1	68.3	2.0	0.0	0.0
4	3	8	189	4	33.1	2.3	62.1	2.4	0.0	0.0
4	8	8	194	4	26.9	0.0	68.8	2.3	0.0	0.0
4	10	8	196	4	30.2	3.4	63.8	2.7	0.0	0.0
4	15	8	201	4	32.3	2.4	61.3	3.5	0.0	0.0
4	17	8	203	4	22.5	8.4	65.3	3.6	0.0	0.0
4	19	8	205	4	28.9	1.9	64.4	4.8	0.0	0.0
4	24	8	210	4	24.1	3.2	67.9	4.7	0.0	0.0
4	26	8	212	4	19.3	3.5	73.4	3.8	0.0	0.0
4	29	8	215	4	30.4	2.2	60.8	6.6	0.0	0.0
5	1	8	217	4	31.2	1.6	60.4	6.8	0.0	0.0
5	3	8	219	4	32.9	0.9	58.4	7.7	0.0	0.0
5	6	8	222	4	31.2	1.6	59.4	7.7	0.0	0.0
5	10	8	226	4	33.2	0.2	57.5	9.0	0.0	0.0
5	13	8	229	4	33.0	0.5	56.9	10.0	0.0	0.0
5	15	8	231	4	33.3	0.9	55.6	10.2	0.0	0.0
5	17	8	233	4	34.4	1.3	53.0	11.3	0.0	0.0
5	24	8	240	4	32.7	2.5	53.2	11.5	0.0	0.0
5	27	8	243	4	35.0	1.2	50.5	12.2	0.0	0.0
5	29	8	245	4	36.7	1.0	50.1	12.2	0.0	0.0
5	31	8	247	4	41.6	0.1	48.2	10.1	0.0	0.0
6	3	8	250	4	36.5	0.2	51.9	11.4	0.0	0.0
6	6	8	253	4	36.9	1.9	47.5	11.5	0.0	0.0
6	10	8	257	4	33.2	1.5	53.8	11.5	0.0	0.0
6	17	8	264	4	30.2	1.7	56.8	11.2	0.0	0.0
6	19	8	266	4	21.5	5.1	66.3	7.4	0.0	0.0
6	21	8	268	4	20.0	7.7	64.8	7.5	0.0	0.0
6	24	8	271	4	27.1	4.0	58.0	10.1	0.0	0.0
6	26	8	273	4	30.3	3.0	55.3	11.4	0.0	0.0
6	28	8	275	4	33.3	0.5	59.1	7.3	0.0	0.0
7	1	8	278	4	34.3	3.0	57.7	5.0	0.0	0.0
7	3	8	280	4	7.3	14.6	74.1	2.8	0.0	0.0
7	5	8	282	4	34.7	9.9	51.4	4.1	0.0	0.0
7	12	8	289	4	19.4	0.3	73.9	7.4	0.0	0.0
7	15	8	292	4	12.2	12.6	70.8	4.4	0.0	0.0
7	19	8	296	4	21.8	0.2	62.1	10.4	0.0	0.0
7	22	8	299	4	0.3	21.2	73.4	0.0	0.0	0.0
7	24	8	301	4	19.7	3.4	68.1	8.7	0.0	0.0
7	26	8	303	4	21.4	3.1	67.0	8.4	0.0	0.0
7	29	8	306	4	21.9	7.1	60.9	10.2	0.0	0.0
7	31	8	308	4	6.7	15.3	74.3	3.3	0.0	0.0
8	2	8	310	4	12.4	12.0	74.2	0.3	0.0	0.0
8	5	8	313	4	30.5	2.3	52.4	14.8	0.0	0.0
8	7	8	315	4	28.6	3.3	56.0	11.1	0.0	0.0
8	9	8	317	4	28.6	3.1	56.9	11.4	0.0	0.0
8	12	8	320	4	7.2	15.4	72.6	4.8	0.0	0.0
8	16	8	324	4	11.1	13.1	69.8	6.1	0.0	0.0
8	19	8	327	4	15.7	10.6	66.2	7.5	0.0	0.0
8	21	8	329	4	18.3	8.7	63.9	8.7	0.0	0.0

FOURTH PORT

MO	DA	YR	DAY NU	LOC	CO2	O2	N2	CH4	H2S	CO
8	23	8	331	4	20.2	6.9	62.8	10.1	0.0	0.0
8	26	8	334	4	21.6	8.2	59.8	10.4	0.0	0.0
8	28	8	336	4	22.3	8.8	58.8	10.2	0.0	0.0
8	30	8	338	4	16.1	10.3	63.6	9.5	0.0	0.0
9	4	8	343	4	9.3	14.7	71.8	4.2	0.0	0.0
9	6	8	345	4	3.3	16.5	80.1	0.0	0.0	0.0
9	10	8	349	4	9.9	14.2	70.3	5.5	0.0	0.0
9	13	8	352	4	35.5	22.9	21.7	19.8	0.0	0.0
9	16	8	355	4	4.5	17.0	76.2	2.3	0.0	0.0
9	18	8	357	4	32.0	2.3	63.1	2.0	0.0	0.0
9	23	8	362	4	4.5	16.4	75.0	4.0	0.0	0.0
9	26	8	365	4	11.1	13.3	68.5	7.2	0.0	0.0
9	30	8	369	4	25.0	8.7	51.2	15.1	0.0	0.0
10	3	8	372	4	30.6	3.0	47.1	19.3	0.0	0.0
10	7	8	376	4	31.0	1.2	47.2	20.5	0.0	0.0
10	11	8	380	4	31.0	1.2	47.2	20.5	0.0	0.0
10	14	8	383	4	36.6	2.0	45.2	16.2	0.0	0.0
10	23	8	392	4	26.2	1.5	40.9	31.4	0.0	0.0
10	28	8	397	4	27.7	3.0	50.7	18.6	0.0	0.0
11	1	8	401	4	28.9	2.2	46.8	22.1	0.0	0.0
11	4	8	404	4	24.4	3.8	56.1	14.7	0.0	0.0
11	6	8	406	4	22.0	7.2	58.3	12.5	0.0	0.0
11	8	8	408	4	26.1	5.1	52.7	16.1	0.0	0.0
11	11	8	411	4	25.0	2.7	54.3	18.0	0.0	0.0
11	14	8	414	4	27.6	7.4	50.9	14.0	0.0	0.0
11	22	8	422	4	31.1	1.7	45.7	21.4	0.0	0.0
12	4	8	434	4	18.4	9.5	59.2	12.8	0.0	0.0
12	10	8	441	4	29.1	2.9	47.8	19.8	0.0	0.0
12	13	8	444	4	12.0	13.1	65.9	9.0	0.0	0.0
12	30	8	459	4	19.3	9.4	58.4	13.9	0.0	0.0

SOIL SURFACE

MO	DA	YR	DAY	NO	L.C	CO2	O2	N2	CH4	H2S	CO
10	4	7	7	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	9	7	12	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	16	7	19	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	18	7	21	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	20	7	23	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	23	7	26	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	25	7	[illegible]	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	27	7	30	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
10	30	7	33	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	1	7	35	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	8	7	42	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	10	7	44	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	13	7	47	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	15	7	49	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	17	7	51	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	20	7	54	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	21	7	55	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	27	7	61	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
11	29	7	63	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	1	7	65	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	4	7	68	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	6	7	70	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	8	7	72	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	11	7	75	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	13	7	77	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	18	7	82	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	20	7	84	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	22	7	86	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	26	7	90	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
12	27	7	91	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	3	8	96	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	10	8	103	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	17	8	110	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	19	8	112	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	22	8	115	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	24	8	117	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	26	8	119	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	29	8	122	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
1	31	8	124	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	2	8	126	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	5	8	129	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	7	8	131	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	9	8	133	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	12	8	136	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	16	8	140	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	21	8	145	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	23	8	147	[illegible]	5	0.0	0.0	0.0	0.0	0.0	0.0
2	26	8	150	[illegible]	5	0.1	21.1	78.0	0.0	0.0	0.0
2	28	8	152	[illegible]	5	0.1	20.7	77.2	0.0	0.0	0.0
3	1	8	154	[illegible]	5	0.1	20.3	77.2	0.0	0.0	0.0
3	4	8	157	[illegible]	5	0.1	21.6	78.8	0.0	0.0	0.0
3	6	8	159	[illegible]	5	0.1	20.0	79.9	0.0	0.0	0.0
3	8	8	161	[illegible]	5	0.1	22.3	77.7	0.0	0.0	0.0
3	13	8	166	[illegible]	5	0.1	20.3	79.1	0.0	0.0	0.0
3	15	8	168	[illegible]	5	0.1	22.4	77.5	0.0	0.0	0.0

SOIL SURFACE

MO	DA	YR	DAY NO	LYC	CO2	O2	N2	CH4	H2S	CO
3	18	8	173	S	0.1	22.6	77.3	0.0	0.0	0.0
3	20	8	175	S	0.1	20.5	79.4	0.0	0.0	0.0
3	22	8	177	S	0.2	19.2	80.5	0.0	0.0	0.0
3	25	8	180	S	0.1	18.9	80.9	0.0	0.0	0.0
3	27	8	182	S	0.1	19.7	80.2	0.0	0.0	0.0
3	29	8	184	S	0.1	20.9	79.9	0.0	0.0	0.0
4	1	8	187	S	0.1	22.0	77.9	0.1	0.0	0.0
4	3	8	189	S	0.1	13.9	78.0	0.0	0.0	0.0
4	8	8	194	S	0.1	20.4	79.9	0.0	0.0	0.0
4	10	8	196	S	0.1	21.3	78.5	0.0	0.0	0.0
4	15	8	201	S	0.0	20.7	79.2	0.0	0.0	0.0
4	17	8	203	S	0.6	20.7	78.3	0.0	0.0	0.0
4	19	8	205	S	0.9	19.7	80.1	0.0	0.0	0.0
4	24	8	210	S	0.0	20.5	79.3	0.0	0.0	0.0
4	26	8	212	S	0.0	20.0	79.9	0.0	0.0	0.0
4	29	8	215	S	0.1	20.0	79.9	0.0	0.0	0.0
5	1	8	217	S	0.1	20.0	79.4	0.0	0.0	0.0
5	3	8	219	S	0.1	19.6	80.4	0.0	0.0	0.0
5	6	8	222	S	0.1	19.3	80.1	0.0	0.0	0.0
5	10	8	226	S	0.1	20.1	79.8	0.0	0.0	0.0
5	13	8	229	S	0.1	20.8	79.2	0.0	0.0	0.0
5	15	8	231	S	0.0	19.4	80.6	0.0	0.0	0.0
5	17	8	233	S	0.1	19.6	80.3	0.0	0.0	0.0
5	24	8	240	S	0.1	20.1	79.4	0.0	0.0	0.0
5	27	8	243	S	0.1	20.4	79.5	0.0	0.0	0.0
5	29	8	245	S	0.2	18.5	81.3	0.0	0.0	0.0
5	31	8	247	S	0.1	18.2	81.6	0.0	0.0	0.0
6	3	8	250	S	0.1	19.0	80.8	0.0	0.0	0.0
6	6	8	253	S	0.1	20.3	79.6	0.0	0.0	0.0
6	10	8	257	S	0.1	19.8	80.2	0.0	0.0	0.0
6	17	8	264	S	0.0	19.6	80.4	0.0	0.0	0.0
6	19	8	266	S	0.1	20.2	79.7	0.0	0.0	0.0
6	21	8	268	S	0.1	20.1	79.8	0.0	0.0	0.0
6	24	8	271	S	0.1	20.0	79.8	0.0	0.0	0.0
6	26	8	273	S	0.2	20.2	79.6	0.1	0.0	0.0
6	28	8	275	S	0.1	19.2	80.6	0.0	0.0	0.0
7	1	8	278	S	0.1	19.1	80.8	0.0	0.0	0.0
7	3	8	280	S	0.1	19.2	80.8	0.0	0.0	0.0
7	5	8	282	S	0.1	19.3	80.6	0.0	0.0	0.0
7	12	8	289	S	0.4	19.7	79.9	0.0	0.0	0.0
7	15	8	292	S	0.1	18.9	81.0	0.0	0.0	0.0
7	19	8	296	S	0.2	19.8	80.2	0.0	0.0	0.0
7	22	8	299	S	0.1	21.0	79.0	0.0	0.0	0.0
7	24	8	301	S	0.1	20.0	79.9	0.0	0.0	0.0
7	26	8	303	S	0.1	19.8	80.2	0.0	0.0	0.0
7	29	8	306	S	0.0	20.2	79.7	0.0	0.0	0.0
7	31	8	308	S	0.0	20.3	79.7	0.0	0.0	0.0
8	2	8	310	S	0.1	21.0	78.1	0.0	0.0	0.0
8	5	8	313	S	0.1	18.2	81.7	0.0	0.0	0.0
8	7	8	315	S	0.1	20.2	79.7	0.0	0.0	0.0
8	9	8	317	S	0.1	20.7	79.2	0.0	0.0	0.0
8	12	8	320	S	0.1	20.6	79.4	0.0	0.0	0.0
8	16	8	324	S	0.1	20.6	79.4	0.0	0.0	0.0
8	19	8	327	S	0.1	19.8	80.1	0.0	0.0	0.0
8	21	8	329	S	0.1	19.6	80.3	0.0	0.0	0.0

LYSIMETER GAS ANALYSIS - 72 -

SOIL SURFACE

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
8	23	8	331	S	0.1	20.2	79.8	0.0	0.0	0.0
8	26	8	334	S	0.1	20.2	79.7	0.0	0.0	0.0
8	28	8	336	S	0.1	21.0	78.9	0.0	0.0	0.0
8	30	8	338	S	0.1	20.6	79.3	0.0	0.0	0.0
9	4	8	343	S	0.1	21.8	78.1	0.0	0.0	0.0
9	6	8	345	S	0.1	20.2	79.8	0.0	0.0	0.0
9	10	8	349	S	0.1	21.5	78.0	0.5	0.0	0.0
9	13	8	352	S	0.1	21.2	78.7	0.0	0.0	0.0
9	16	8	355	S	0.1	20.0	79.9	0.0	0.0	0.0
9	18	8	357	S	0.1	20.4	79.6	0.0	0.0	0.0
9	23	8	362	S	0.1	19.4	80.5	0.0	0.0	0.0
9	25	8	365	S	0.1	20.5	79.4	0.0	0.0	0.0
9	30	8	369	S	0.1	20.6	79.3	0.0	0.0	0.0
10	3	8	372	S	0.1	19.9	80.2	0.0	0.0	0.0
10	7	8	376	S	0.2	20.1	79.7	0.0	0.0	0.0
10	11	8	380	S	0.1	18.5	81.4	0.0	0.0	0.0
10	14	8	383	S	0.1	18.7	81.2	0.0	0.0	0.0
10	23	8	392	S	0.0	20.5	79.5	0.0	0.0	0.0
10	28	8	397	S	0.0	20.5	79.4	0.0	0.0	0.0
11	1	8	401	S	0.0	21.1	78.9	0.0	0.0	0.0
11	4	8	404	S	0.0	20.2	79.7	0.0	0.0	0.0
11	6	8	406	S	0.0	20.2	79.7	0.0	0.0	0.0
11	8	8	408	S	3.2	16.8	80.0	0.0	0.0	0.0
11	11	8	411	S	2.5	18.0	79.0	0.3	0.0	0.0
11	14	8	414	S	0.1	19.7	80.2	0.0	0.0	0.0
11	22	8	422	S	0.0	20.0	80.0	0.0	0.0	0.0
12	4	8	435	S	3.5	16.3	80.2	0.4	0.0	0.0
12	10	8	441	S	0.1	22.2	77.8	0.0	0.0	0.0
12	13	8	444	S	0.1	19.4	80.5	0.0	0.0	0.0
12	30	8	459	S	0.0	19.9	80.1	0.0	0.0	0.0

ROOM AIR

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
10	4	7		7	6	0.1	26.5	73.5	0.0	0.0	0.0
10	9	7		12	6	0.1	30.4	70.0	0.0	0.0	0.0
10	16	7		19	6	0.2	27.9	72.0	0.0	0.0	0.0
10	18	7		21	6	0.1	29.1	70.8	0.0	0.0	0.0
10	20	7		23	6	0.1	27.8	72.1	0.0	0.0	0.0
10	23	7		26	6	0.1	27.7	72.2	0.0	0.0	0.0
10	25	7		28	6	0.1	23.1	76.8	0.0	0.0	0.0
10	27	7		30	6	0.1	17.4	82.5	0.0	0.0	0.0
10	30	7		33	6	0.2	17.7	82.5	0.0	0.0	0.0
11	1	7		35	6	0.6	15.1	84.3	0.0	0.0	0.0
11	8	7		42	6	0.2	23.5	76.3	0.0	0.0	0.0
11	10	7		44	6	0.2	19.0	80.7	0.0	0.0	0.0
11	13	7		47	6	0.0	0.0	0.0	0.0	0.0	0.0
11	15	7		49	6	0.1	22.1	77.8	0.0	0.0	0.0
11	17	7		51	6	0.1	20.2	79.7	0.0	0.0	0.0
11	20	7		54	6	0.1	29.4	70.5	0.0	0.0	0.0
11	21	7		55	6	0.2	27.5	72.3	0.0	0.0	0.0
11	27	7		61	6	0.2	25.9	74.1	0.0	0.0	0.0
11	29	7		63	6	0.2	22.3	77.5	0.0	0.0	0.0
12	1	7		65	6	0.2	25.5	74.3	0.0	0.0	0.0
12	4	7		68	6	0.1	21.7	78.2	0.0	0.0	0.0
12	6	7		70	6	0.1	27.7	72.2	0.0	0.0	0.0
12	8	7		72	6	1.1	20.8	78.1	0.0	0.0	0.0
12	11	7		75	6	0.1	20.6	79.3	0.0	0.0	0.0
12	13	7		77	6	0.3	20.1	79.5	0.0	0.0	0.0
12	18	7		82	6	0.9	21.1	77.9	0.0	0.0	0.0
12	20	7		84	6	0.8	18.9	80.0	0.0	0.0	0.0
12	22	7		86	6	0.7	20.2	79.3	0.0	0.0	0.0
12	26	7		90	6	0.8	19.2	80.0	0.0	0.0	0.0
12	27	7		91	6	0.5	19.7	79.8	0.0	0.0	0.0
1	3	8		95	6	0.1	20.9	79.0	0.0	0.0	0.0
1	10	8		102	6	0.1	19.7	80.2	0.0	0.0	0.0
1	17	8		112	6	0.0	0.0	0.0	0.0	0.0	0.0
1	19	8		114	6	0.1	21.0	78.9	0.0	0.0	0.0
1	22	8		117	6	0.1	21.4	78.5	0.0	0.0	0.0
1	24	8		119	6	0.1	21.7	78.2	0.0	0.0	0.0
1	26	8		121	6	0.1	21.2	78.7	0.0	0.0	0.0
1	29	8		124	6	0.1	20.6	79.3	0.0	0.0	0.0
1	31	8		126	6	0.1	21.7	78.7	0.0	0.0	0.0
2	2	8		128	6	0.1	20.6	78.3	0.0	0.0	0.0
2	5	8		131	6	0.1	20.5	79.5	0.0	0.0	0.0
2	7	8		133	6	0.1	20.0	79.9	0.0	0.0	0.0
2	9	8		135	6	0.1	20.0	79.9	0.0	0.0	0.0
2	12	8		138	6	0.1	20.2	79.6	0.0	0.0	0.0
2	16	8		142	6	0.0	19.7	80.0	0.0	0.0	0.0
2	21	8		147	6	0.0	0.0	0.0	0.0	0.0	0.0
2	23	8		149	6	0.0	0.0	0.0	0.0	0.0	0.0
2	26	8		152	6	0.0	20.0	79.8	0.0	0.0	0.0
2	28	8		154	6	0.1	20.8	78.9	0.0	0.0	0.0
3	1	8		156	6	0.3	19.3	80.9	0.0	0.0	0.0
3	4	8		159	6	0.1	21.7	78.2	0.0	0.0	0.0
3	6	8		161	6	0.1	21.5	78.5	0.0	0.0	0.0
3	8	8		163	6	0.1	19.6	80.4	0.0	0.0	0.0
3	13	8		168	6	0.1	19.6	80.3	0.0	0.0	0.0
3	15	8		170	6	0.1	21.1	78.8	0.0	0.0	0.0

LYSIMETER GAS ANALYSIS

ROOM AIR

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
3	18	8	173	66	0.1	21.9	78.0	0.0	0.0	0.0
3	20	8	175	66	0.1	13.8	86.1	0.0	0.0	0.0
3	22	8	177	66	0.1	21.5	78.4	0.0	0.0	0.0
3	25	8	180	66	0.1	19.7	80.1	0.0	0.0	0.0
3	27	8	182	66	0.1	20.8	79.0	0.0	0.0	0.0
3	29	8	184	66	0.1	21.0	78.9	0.0	0.0	0.0
4	1	8	187	66	0.1	19.5	80.4	0.0	0.0	0.0
4	3	8	189	66	0.1	25.4	74.4	0.0	0.0	0.0
4	8	8	194	66	0.1	20.7	79.2	0.0	0.0	0.0
4	10	8	196	66	0.1	20.5	79.6	0.0	0.0	0.0
4	15	8	201	66	0.1	20.9	79.0	0.0	0.0	0.0
4	17	8	203	66	0.1	20.8	79.1	0.0	0.0	0.0
4	19	8	205	66	0.1	20.0	79.9	0.0	0.0	0.0
4	24	8	210	66	0.1	19.5	80.4	0.0	0.0	0.0
4	26	8	212	66	0.1	19.8	80.0	0.0	0.0	0.0
4	29	8	215	66	0.1	19.8	80.2	0.0	0.0	0.0
5	1	8	217	66	0.1	19.9	80.0	0.0	0.0	0.0
5	3	8	219	66	0.1	21.9	77.9	0.0	0.0	0.0
5	6	8	222	66	0.1	18.3	81.6	0.0	0.0	0.0
5	10	8	226	66	0.2	19.9	79.9	0.0	0.0	0.0
5	13	8	229	66	0.3	19.8	79.4	0.0	0.0	0.0
5	15	8	231	66	0.2	15.3	84.4	0.0	0.0	0.0
5	17	8	233	66	0.1	19.5	80.4	0.0	0.0	0.0
5	24	8	240	66	1.1	19.4	79.5	0.0	0.0	0.0
5	27	8	243	66	0.4	19.8	79.8	0.0	0.0	0.0
5	29	8	245	66	0.3	19.0	80.8	0.0	0.0	0.0
5	31	8	247	66	0.3	19.2	80.4	0.0	0.0	0.0
6	3	8	250	66	0.3	19.8	80.8	0.0	0.0	0.0
6	6	8	253	66	0.3	20.1	79.6	0.0	0.0	0.0
6	10	8	257	66	0.2	20.3	79.5	0.0	0.0	0.0
6	17	8	264	66	0.3	19.1	80.7	0.0	0.0	0.0
6	19	8	266	66	0.3	19.6	80.0	0.0	0.0	0.0
6	21	8	268	66	0.0	0.0	0.0	0.0	0.0	0.0
6	24	8	271	66	0.4	18.5	80.1	0.0	0.0	0.0
6	26	8	273	66	0.6	19.4	79.9	0.1	0.0	0.0
6	28	8	275	66	0.4	18.5	81.1	0.0	0.0	0.0
7	1	8	278	66	0.5	18.4	81.1	0.0	0.0	0.0
7	3	8	280	66	0.4	18.6	81.1	0.0	0.0	0.0
7	5	8	282	66	0.4	20.8	78.8	0.0	0.0	0.0
7	12	8	289	66	0.2	18.8	80.9	0.0	0.0	0.0
7	15	8	292	66	0.3	18.3	81.2	0.0	0.0	0.0
7	19	8	296	66	0.3	22.0	77.7	0.0	0.0	0.0
7	22	8	299	66	0.2	20.2	79.5	0.0	0.0	0.0
7	24	8	301	66	0.3	20.1	80.0	0.0	0.0	0.0
7	26	8	303	66	0.3	19.4	80.3	0.0	0.0	0.0
7	29	8	306	66	0.4	19.4	80.1	0.0	0.0	0.0
7	31	8	308	66	0.5	19.1	80.4	0.0	0.0	0.0
8	2	8	310	66	0.5	20.3	79.2	0.0	0.0	0.0
8	5	8	313	66	0.2	19.1	80.7	0.0	0.0	0.0
8	7	8	315	66	0.3	21.1	78.6	0.0	0.0	0.0
8	9	8	317	66	0.5	19.8	79.7	0.0	0.0	0.0
8	12	8	320	66	0.3	19.1	80.5	0.0	0.0	0.0
8	16	8	324	66	0.0	0.0	0.0	0.0	0.0	0.0
8	19	8	327	66	0.3	18.4	81.2	0.0	0.0	0.0
8	21	8	329	66	0.4	19.6	80.0	0.0	0.0	0.0

LYSIMETER GAS ANALYSIS

ROOM AIR

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
8	23	8	331	66	0.4	20.5	79.1	0.0	0.0	0.0
8	26	8	334	66	0.4	19.4	80.1	0.0	0.0	0.0
8	28	8	336	66	0.4	19.1	80.5	0.0	0.0	0.0
8	30	8	338	66	0.4	20.4	79.2	0.0	0.0	0.0
9	4	8	343	66	0.6	20.1	79.2	0.0	0.0	0.0
9	6	8	345	66	0.6	19.5	79.9	0.0	0.0	0.0
9	10	8	349	66	0.5	19.7	79.5	0.3	0.0	0.0
9	13	8	352	66	0.7	18.2	81.1	0.0	0.0	0.0
9	16	8	355	66	0.9	19.6	79.5	0.0	0.0	0.0
9	18	8	357	66	1.1	19.5	79.5	0.0	0.0	0.0
9	23	8	362	66	1.7	18.2	80.1	0.0	0.0	0.0
9	26	8	365	66	1.9	19.6	78.4	0.1	0.0	0.0
9	30	8	369	66	2.8	15.7	81.5	0.0	0.0	0.0
10	3	8	372	66	1.6	16.2	82.1	0.0	0.0	0.0
10	7	8	376	66	1.9	18.1	79.9	0.0	0.0	0.0
10	11	8	380	66	1.8	18.6	79.6	0.0	0.0	0.0
10	14	8	383	66	1.0	18.2	80.9	0.0	0.0	0.0
10	23	8	392	66	3.0	17.8	79.2	0.0	0.0	0.0
10	28	8	397	66	0.0	0.0	0.0	0.0	0.0	0.0
11	1	8	401	66	3.2	16.3	80.5	0.0	0.0	0.0
11	4	8	404	66	2.1	17.7	80.2	0.0	0.0	0.0
11	6	8	406	66	2.4	17.2	80.4	0.0	0.0	0.0
11	8	8	408	66	0.0	20.0	79.9	0.0	0.0	0.0
11	11	8	411	66	0.2	19.5	80.4	0.0	0.0	0.0
11	14	8	414	66	2.1	15.7	80.2	0.3	0.0	0.0
11	22	8	422	66	0.0	17.3	82.6	0.0	0.0	0.0
12	4	8	435	66	0.1	18.2	81.7	0.0	0.0	0.0
12	10	8	441	66	1.4	23.8	74.8	0.1	0.0	0.0
12	13	8	444	66	1.9	17.6	80.4	0.1	0.0	0.0
12	30	8	459	66	1.9	18.6	79.4	0.1	0.0	0.0

SECTION 1-C1

LYSIMETER LEACHATE ANALYSIS

Notes:

1. Nomenclature

VOL IN = volume distilled water added to soil surface
LEACHATE = volume of water removed from bottom
FE = total iron content of leachate
ZN = total zinc content of leachate
NI = total nickel content of leachate
CU = total copper content of leachate
PH = hydrogen ion concentration
HARD = total hardness in milligrams per liter as $CaCO_3$
D.O. = dissolved oxygen
PO_4 = phosphate ion
CL = chloride ion
NA = sodium ion
S. SOL = suspended solids
N FRE = free ammonia nitrogen
N AMO = organic nitrogen
COD = chemical oxygen demand
BOD = biological oxygen demand
RES. = total residue on evaporation
% VOL = % volatile portion of residue
ML = milliliters
MG/L = milligrams per liter

MO	DA	YR	DAY NO	VOL IN	LEACHATE	FE	ZN	NI	CU
				MI	ML	MG/L	MG/L	MG/L	MG/L
10	3	7	6	17032.50	225.00	0.0	0.0	0.0	0.0
10	16	7	19	25548.70	1220.00	4.83	0.0	0.0	0.06
10	23	7	26	25549.70	160.00	0.0	0.0	0.0	0.0
10	30	7	33	38796.20	220.00	0.0	0.0	0.0	0.0
11	6	7	40	55109.60	110.00	0.0	0.0	0.0	0.0
11	13	7	47	54996.00	354.00	0.52	0.0	0.0	0.09
11	20	7	54	55109.60	391.00	1.02	0.0	0.0	0.04
11	27	7	61	58396.50	2060.00	0.37	0.0	0.0	0.01
12	4	7	68	60181.50	1521.00	0.50	0.0	0.0	0.01
12	11	7	75	60030.10	442.00	0.55	0.0	0.0	0.01
12	18	7	82	60030.10	408.00	0.44	0.0	0.0	0.01
12	26	7	90	60030.10	105.00	0.39	0.0	0.0	0.03
1	2	8	97	64458.50	931.00	0.22	0.0	0.0	0.01
1	8	8	103	65215.50	180.00	0.43	0.0	0.0	0.06
1	15	8	110	65215.50	45.00	0.59	0.0	0.0	0.01
1	22	8	117	65215.50	43.00	117.40	0.0	0.0	0.01
1	29	8	124	64117.90	42.00	81.70	0.0	0.0	0.01
2	5	8	131	62679.60	12.00	208.40	0.0	0.0	5.00
2	12	8	138	62641.70	39.00	51.30	0.0	0.0	4.91
2	19	8	145	62679.60	0.0	0.0	0.0	0.0	0.0
2	26	8	152	63338.70	20.00	77.50	0.0	0.0	0.01
3	4	8	159	65215.50	104.00	30.00	0.0	0.0	2.75
3	11	8	166	65215.50	3740.00	672.00	0.05	0.27	0.15
3	18	8	173	65215.50	11000.00	707.00	0.04	0.21	0.22
3	25	8	180	65215.50	17404.00	735.00	0.03	0.21	0.10
4	1	8	187	35509.30	23027.00	735.00	0.04	0.25	0.10
4	8	8	194	32891.60	14565.00	753.00	0.03	0.32	0.01
4	15	8	201	32891.60	12450.00	970.00	1.37	0.20	0.08
4	22	8	208	32891.60	10550.00	930.00	1.38	0.38	0.03
4	29	8	215	16086.20	10350.00	1010.01	1.45	0.20	0.08
5	6	8	222	3444.30	5867.00	1570.00	1.61	0.35	0.03
5	13	8	229	3444.30	2855.00	1540.00	1.48	0.29	0.04
5	20	8	236	3444.30	1437.00	458.00	1.09	0.55	0.02
5	27	8	243	2952.30	550.00	381.00	0.70	0.58	0.03
6	3	8	250	0.0	261.00	87.00	0.24	0.56	0.04
6	10	8	257	0.0	0.00	15.60	0.05	0.65	0.03
6	17	8	264	0.0	0.0	0.0	0.0	0.0	0.0
6	24	8	271	0.0	0.0	0.0	0.0	0.0	0.0
7	1	8	278	0.0	0.0	0.0	0.0	0.0	0.0
7	8	8	285	0.0	150.00	3.20	0.57	0.55	0.06
7	15	8	292	0.0	0.0	0.0	0.0	0.0	0.0
7	22	8	299	0.0	120.00	29.20	0.10	0.55	0.05
7	29	8	306	2230.00	0.0	0.0	0.0	0.0	0.0
8	5	8	312	5350.00	190.00	3.70	0.21	0.35	0.10
8	12	8	320	5350.00	62.00	11.33	0.0	0.81	0.16
8	19	8	327	5350.00	0.0	0.0	0.0	0.0	0.0
8	26	8	334	5350.00	0.0	0.0	0.0	0.0	0.0
9	3	8	342	4160.00	141.00	23.00	0.0	0.45	0.07
9	9	8	348	4160.00	0.0	0.0	0.0	0.0	0.0
9	16	8	355	4160.00	134.00	0.69	0.03	0.50	0.11
9	23	8	362	4160.00	58.00	0.40	0.0	0.27	0.09
9	30	8	369	17063.00	22.00	0.80	0.04	0.15	0.12
10	7	8	376	17063.00	37.00	0.98	0.05	0.51	0.28
10	14	8	383	17063.00	72.00	0.18	0.12	0.45	0.15
10	21	8	390	17063.00	0.0	0.0	0.0	0.0	0.0

LYSIMETER LEACHATE ANALYSIS

MO	DA	YR	DAY NO	VOL IN ML	LEACHATE ML	FE MG/L	ZN MG/L	NI MG/L	CU MG/L
10	28	8	397	17063.00	0.0	0.0	0.0	0.0	0.0
11	4	8	404	55110.00	1990.00	870.00	0.78	0.25	0.05
11	11	8	411	55110.00	10417.00	780.00	0.45	0.40	0.02
11	18	8	418	55110.00	21200.00	540.00	0.17	0.56	0.02
11	25	8	425	56130.00	26640.00	114.00	0.57	0.0	0.06
12	2	8	432	60030.00	30500.00	720.00	63.00	0.25	0.08
12	9	8	439	60030.10	34700.00	730.00	129.00	0.27	0.12
12	16	8	446	60030.10	51800.00	500.00	7.00	0.16	0.08
12	23	8	453	60030.10	24300.00	114.00	5.00	0.20	0.07
12	30	8	460	60030.10	49500.00	660.00	126.00	0.21	0.08

LYSIMETER LEACHATE ANALYSIS

MO	DA	YR	DAY NO	ID	PH	HARD MG/L	C.C. MG/L	PO4 MG/L	SO4 MG/L	CL MG/L	NA MG/L
10	3	7	6	LAB 1	3.8	0.0	0.0	0.0	0.0	662.0	191.0
10	16	7	19	LAB 1	3.7	1450.0	0.0	130.0	250.0	520.0	542.0
10	23	7	26	LAB 1	4.0	3500.0	0.0	100.0	220.0	728.0	1950.0
10	30	7	33	LAB 1	7.3	1200.0	0.0	115.0	150.0	615.0	1150.0
11	6	7	40	LAB 1	6.8	1200.0	0.0	45.0	120.0	155.0	195.0
11	13	7	47	LAB 1	6.5	1500.0	0.0	16.0	200.0	241.0	437.0
11	20	7	54	LAB 1	6.8	1172.0	0.0	4.0	150.0	233.0	1035.0
11	27	7	61	LAB 1	6.6	350.0	0.2	2.0	70.0	70.0	225.0
12	4	7	68	LAB 1	6.6	236.0	0.0	0.5	33.0	50.0	154.0
12	11	7	75	LAB 1	7.6	300.0	0.2	2.5	40.0	73.0	196.0
12	18	7	82	LAB 1	6.4	300.0	0.0	2.0	28.0	74.0	196.0
12	26	7	90	LAB 1	6.5	380.0	0.0	3.0	60.0	120.0	130.0
1	2	8	97	LAB 1	6.4	348.0	0.0	4.5	75.0	47.0	140.0
1	8	8	103	LAB 1	6.0	230.0	0.0	2.5	62.0	71.0	196.0
1	15	8	110	LAB 1	5.4	350.0	0.0	30.0	60.0	87.0	127.0
1	22	8	117	LAB 1	5.8	480.0	0.0	2.0	22.0	115.0	1426.0
1	29	8	124	LAB 1	5.6	560.0	0.0	2.5	20.0	74.0	332.0
2	5	8	131	LAB 1	6.2	560.0	0.0	2.0	40.0	85.0	2300.0
2	12	8	138	LAB 1	5.8	920.0	0.0	11.5	46.0	80.0	793.0
2	19	8	145	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	26	8	152	LAB 1	6.3	1300.0	0.0	25.0	50.0	235.0	0.0
3	4	8	159	LAB 1	5.7	420.0	0.0	22.5	50.0	107.0	1449.0
3	11	8	166	LAB 1	6.0	2800.0	0.0	12.5	300.0	227.0	1265.0
3	18	8	173	LAB 1	6.0	240.0	0.0	15.0	340.0	242.0	1035.0
3	25	8	180	LAB 1	5.4	2441.0	0.0	7.5	120.0	265.0	920.0
4	1	8	187	LAB 1	5.2	2034.0	0.0	4.5	350.0	302.0	690.0
4	8	8	194	LAB 1	5.4	2230.0	0.0	0.0	175.0	294.0	305.0
4	15	8	201	LAB 1	5.4	2336.0	0.0	4.0	140.0	258.0	990.0
4	22	8	208	LAB 1	5.4	1800.0	0.0	3.0	300.0	245.0	690.0
4	29	8	215	LAB 1	5.4	2000.0	0.0	6.0	90.0	246.0	950.0
5	6	8	222	LAB 1	5.4	2334.0	0.0	6.0	375.0	230.0	828.0
5	13	8	229	LAB 1	5.3	2800.0	0.0	5.0	140.0	234.0	990.0
5	20	8	236	LAB 1	5.3	2800.0	0.0	4.0	150.0	197.0	990.0
5	28	8	243	LAB 1	5.3	2800.0	0.0	4.0	150.0	2313.0	2470.0
6	4	8	251	LAB 1	5.4	2100.0	0.0	5.5	120.0	2319.0	990.0
6	10	8	257	LAB 1	6.5	2400.0	0.0	6.0	220.0	2204.0	3300.0
6	17	8	264	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	24	8	271	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1	8	278	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	8	8	285	LAB 1	7.4	3950.0	0.0	0.0	200.0	1668.0	1800.0
7	15	8	292	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	22	8	299	LAB 1	6.6	3300.0	0.0	0.0	230.0	1690.0	990.0
7	29	8	306	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	5	8	313	LAB 1	6.9	0.0	0.0	0.0	0.0	0.0	0.0
8	12	8	320	LAB 1	7.0	3347.0	0.0	5.8	138.0	0.0	680.0
8	19	8	327	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	26	8	334	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	3	8	342	LAB 1	5.8	2700.0	0.0	0.0	0.0	1654.0	0.0
9	9	8	348	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	16	8	355	LAB 1	6.5	250.0	0.0	0.0	190.0	1600.0	980.0
9	23	8	362	LAB 1	6.3	2370.0	0.0	0.0	160.0	1212.0	880.0
9	30	8	369	LAB 1	6.1	220.0	0.0	0.0	145.0	256.0	7700.0
10	7	8	376	LAB 1	6.0	2400.0	0.0	0.0	130.0	320.0	990.0
10	14	8	383	LAB 1	6.1	2500.0	0.0	0.0	130.0	248.0	990.0
10	21	8	390	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MO	DA	YR	DAY	NO	ID	PH	HARD	D.C.	PO4	SO4	CL	NA
							MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
10	28	8	397		LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	4	8	404		LAB 1	5.8	2900.0	0.0	0.0	124.0	249.0	1020.0
11	11	8	411		LAB 1	6.1	2800.0	0.0	0.0	110.0	229.0	578.0
11	18	8	418		LAB 1	5.7	2300.0	0.0	0.0	128.0	173.0	432.0
11	25	8	425		LAB 1	6.0	2600.0	0.0	0.0	118.0	157.0	310.0
12	2	8	432		LAB 1	4.6	4100.0	0.0	0.0	106.0	279.0	708.0
12	9	8	439		LAB 1	4.8	5500.0	0.0	0.0	112.0	370.0	875.0
12	19	8	449		LAB 1	4.6	5000.0	0.0	0.0	109.0	267.0	364.0
12	23	8	453		LAB 1	5.5	2500.0	0.0	0.0	120.0	230.0	212.0
12	30	8	460		LAB 1	5.9	2000.0	0.0	0.0	116.0	342.0	416.0

MO	DA	YR	DAY NO	ID	S.SOL	N ORG	N AMO	COD	ALK	RES	%VOL
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	%
10	3	7	6	LAB 1	[illegible]	0.0	0.0	21500.0	0.0	0.0	0.0
10	16	7	19	LAB 1	26500.0	99.0	432.0	50715.0	0.0	42000.0	72.4
10	23	7	26	LAB 1	967.0	177.0	274.0	50000.0	0.0	40000.0	100.0
10	30	7	33	LAB 1	1560.0	99.0	171.0	28754.0	0.0	43000.0	100.0
11	6	7	40	LAB 1	1320[illegible]	56.0	33.0	21000.0	0.0	0.0	0.0
11	13	7	47	LAB 1	949.0	35.0	76.0	6400.0	0.0	6857.0	51.3
11	20	7	54	LAB 1	583.0	40.0	67.0	4535.0	0.0	6675.0	41.1
11	27	7	61	LAB 1	127.0	7.0	23.0	1067.0	0.0	1548.0	43.7
12	4	7	68	LAB 1	86.0	10.0	22.0	809.0	0.0	1440.0	35.0
12	11	7	75	LAB 1	76.0	20.0	26.0	1164.0	0.0	2000.0	0.0
12	18	7	82	LAB 1	91.0	15.0	23.0	1757.0	0.0	1900.0	37.0
12	26	7	90	LAB 1	70.0	15.0	7.0	4190.0	0.0	3000.0	42.0
1	2	8	97	LAB 1	91.0	7.0	32.0	2300.0	0.0	1330.0	37.0
1	8	8	103	LAB 1	44.0	22.0	31.0	2340.0	0.0	712.0	37.0
1	15	8	110	LAB 1	97.0	48.0	54.0	5583.0	0.0	1450.0	36.0
1	22	8	117	LAB 1	0.0	46.0	22.0	3226.0	0.0	0.0	0.0
1	29	8	124	LAB 1	72.0	0.0	29.0	8035.0	0.0	20580.0	0.0
2	5	8	131	LAB 1	13.0	0.0	73.0	1 880.0	0.0	11600.0	59.0
2	12	8	138	LAB 1	56.0	14.0	23.0	10635.0	0.0	7120.0	29.0
2	19	8	145	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	26	8	152	LAB 1	50.0	55.0	35.0	7040.0	0.0	24500.0	72.5
3	4	8	159	LAB 1	64.0	31.0	26.0	0.0	0.0	11650.0	47.5
3	11	8	166	LAB 1	114.0	57.0	171.0	13736.0	0.0	17390.0	60.0
3	18	8	173	LAB 1	153.0	45.0	120.0	14644.0	0.0	26680.0	56.8
3	25	8	180	LAB 1	256.0	40.4	129.6	20427.0	0.0	16213.0	54.6
4	1	8	187	LAB 1	168.0	60.2	134.0	25476.0	0.0	14620.0	60.4
4	8	8	194	LAB 1	82.0	48.0	120.0	27236.0	0.0	15620.0	61.5
4	15	8	201	LAB 1	61.0	50.4	110.6	21740.0	0.0	14200.0	56.1
4	22	8	208	LAB 1	125.0	48.6	103.3	20000.0	0.0	14250.0	55.6
4	29	8	215	LAB 1	69.0	43.4	87.7	20000.0	0.0	14200.0	54.0
5	6	8	222	LAB 1	225.0	44.4	97.0	19000.0	0.0	12260.0	46.0
5	13	8	229	LAB 1	114.0	60.2	97.0	22000.0	0.0	14300.0	45.0
5	20	8	236	LAB 1	13.0	50.2	177.0	24000.0	0.0	16240.0	45.0
5	28	8	243	LAB 1	77.0	46.0	94.0	23000.0	0.0	16980.0	50.0
6	4	8	250	LAB 1	86.0	53.5	121.0	23000.0	0.0	18240.0	52.0
6	10	8	256	LAB 1	0.0	58.0	142.3	23600.0	0.0	16540.0	47.0
6	17	8	263	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	24	8	271	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1	8	278	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	8	8	285	LAB 1	81.0	56.0	137.0	22800.0	0.0	19320.0	56.8
7	15	8	292	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	22	8	299	LAB 1	21.0	54.0	121.5	24400.0	0.0	23050.0	60.0
7	29	8	306	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	5	8	313	LAB 1	0.0	49.0	121.0	22800.0	0.0	0.0	0.0
8	12	8	320	LAB 1	0.0	47.5	127.4	25800.0	0.0	0.0	0.0
8	19	8	327	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	26	8	334	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	3	8	342	LAB 1	0.0	51.0	114.0	26500.0	0.0	0.0	0.0
9	9	8	348	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	16	8	355	LAB 1	0.0	46.0	0.0	24786.0	0.0	26450.0	0.0
9	23	8	362	LAB 1	75.0	47.4	84.0	25265.0	0.0	27160.0	0.0
9	30	8	369	LAB 1	0.0	47.4	84.0	27375.0	0.0	26380.0	0.0
10	7	8	376	LAB 1	20.0	49.0	93.0	18520.0	0.0	27000.0	0.0
10	14	8	383	LAB 1	73.0	62.0	81.0	15340.0	0.0	27400.0	0.0
10	21	8	390	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MO	DA	YR	DAY NO	ID	S.SOL	N FRE	N AMO	COD	ALK	RES	%VOL
					MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	%
10	28	8	397	LAB 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	4	8	404	LAB 1	208.0	28.0	44.5	15750.0	0.0	15005.0	0.0
11	11	8	411	LAB 1	71.0	40.0	45.0	10841.0	0.0	4820.0	0.0
11	18	8	418	LAB 1	132.0	43.0	45.5	10841.0	0.0	7017.0	0.0
11	25	8	425	LAB 1	87.0	50.0	50.0	20902.0	0.0	5655.0	0.0
12	2	8	432	LAB 1	162.0	45.0	51.5	17884.0	0.0	16950.0	0.0
12	9	8	439	LAB 1	211.0	53.2	54.0	25245.0	0.0	27616.0	0.0
12	19	8	449	LAB 1	495.0	50.0	53.0	10598.0	0.0	5044.0	0.0
12	23	8	453	LAB 1	561.0	31.3	36.6	6035.0	0.0	5056.0	0.0
12	30	8	460	LAB 1	424.0	45.0	52.1	21197.0	0.0	17336.0	0.0

SECTION 1-C2

CUMULATIVE GRAMS OF POLLUTANTS

Notes:

1. Nomenclature - same as Section 1-C1.
2. Results are cumulative grams of each pollutant.

CUMULATIVE GRAMS OF POLLUTANTS

MO	DA	YR	DN	HARDNESS GRAMS	SODIUM GRAMS	IRON GRAMS	ZINC GRAMS	NICKEL GRAMS	COPPER GRAMS	LEACHATE LITERS
10	3	7	6	0.0	0.0	0.0	0.0	0.0	0.0	0.225
10	16	7	19	1.8	0.7	0.01	0.0	0.0	0.0	1.220
10	23	7	26	2.1	1.0	0.01	0.0	0.0	0.0	0.160
10	30	7	33	2.4	1.3	0.01	0.0	0.0	0.0	0.220
11	6	7	40	2.5	1.3	0.01	0.0	0.0	0.0	0.110
11	13	7	47	3.1	1.5	0.01	0.0	0.0	0.0	0.394
11	20	7	54	3.5	1.9	0.01	0.0	0.0	0.0	0.391
11	27	7	61	4.3	2.3	0.01	0.0	0.0	0.0	2.060
12	4	7	68	4.6	2.6	0.01	0.0	0.0	0.0	1.521
12	11	7	75	4.7	2.7	0.01	0.0	0.0	0.0	0.442
12	18	7	82	4.9	2.7	0.01	0.0	0.0	0.0	0.408
12	26	7	90	4.9	2.7	0.01	0.0	0.0	0.0	0.105
1	2	8	97	5.1	2.8	0.01	0.0	0.0	0.0	0.931
1	8	8	103	5.2	2.8	0.01	0.0	0.0	0.0	0.180
1	15	8	110	5.2	2.8	0.01	0.0	0.0	0.0	0.045
1	22	8	117	5.2	2.8	0.01	0.0	0.0	0.0	0.043
1	29	8	124	5.2	2.8	0.02	0.0	0.0	0.0	0.042
2	5	8	131	5.2	2.8	0.02	0.0	0.0	0.0	0.012
2	12	8	138	5.3	2.1	0.02	0.0	0.0	0.0	0.039
2	19	8	145	5.3	2.1	0.02	0.0	0.0	0.0	0.0
2	26	8	152	5.3	3.1	0.02	0.0	0.0	0.0	0.020
3	4	8	159	5.4	3.2	0.03	0.0	0.0	0.0	0.104
3	11	8	166	15.1	7.8	2.54	0.00	0.00	0.0	3.740
3	18	8	173	42.7	19.3	10.32	0.00	0.00	0.0	11.000
3	25	8	180	80.2	35.3	27.11	0.00	0.01	0.0	17.404
4	1	8	187	124.5	51.9	40.65	0.00	0.01	0.0	23.927
4	8	8	194	167.5	67.6	51.68	0.00	0.02	0.0	14.595
4	15	8	201	192.	75.4	63.76	0.02	0.02	0.0	12.450
4	22	8	208	213.2	80.4	73.48	0.03	0.02	0.0	10.559
4	29	8	215	234.3	84.1	83.87	0.05	0.03	0.0	10.290
5	6	8	222	250.7	102.1	93.28	0.06	0.03	0.0	5.997
5	13	8	229	261.1	124.8	98.05	0.06	0.03	0.0	2.905
5	20	8	236	271.7	138.3	99.70	0.06	0.03	0.0	1.437
5	27	8	243	284.1	147.6	99.91	0.06	0.03	0.0	0.550
6	4	8	250	293.7	152.3	99.94	0.07	0.03	0.0	0.291
6	10	8	256	293.7	152.9	99.94	0.07	0.03	0.0	0.008
6	17	8	263	293.7	152.9	99.94	0.07	0.03	0.0	0.0
6	24	8	270	293.7	152.9	99.94	0.07	0.03	0.0	0.0
7	1	8	277	293.7	152.9	99.94	0.07	0.03	0.0	0.0
7	8	8	284	294.3	153.2	99.94	0.07	0.03	0.0	0.150
7	15	8	291	294.3	153.2	99.94	0.07	0.03	0.0	0.0
7	22	8	298	294.5	153.3	99.94	0.07	0.03	0.0	0.120
7	29	8	305	294.5	153.3	99.94	0.07	0.03	0.0	0.0
8	5	8	312	294.5	153.3	99.94	0.07	0.03	0.0	0.190
8	12	8	319	294.7	153.3	99.94	0.07	0.03	0.0	0.062
8	19	8	326	294.7	153.3	99.94	0.07	0.03	0.0	0.0
8	26	8	333	294.7	153.3	99.94	0.07	0.03	0.0	0.0
9	2	8	340	295.1	153.3	99.95	0.07	0.03	0.0	0.161
9	9	8	347	295.1	153.3	99.95	0.07	0.03	0.0	0.0
9	16	8	354	295.4	153.4	99.95	0.07	0.03	0.0	0.124
9	23	8	361	295.7	153.5	99.95	0.07	0.03	0.0	0.098
9	30	8	368	295.7	153.8	99.95	0.07	0.03	0.0	0.032
10	7	8	375	295.9	153.8	99.95	0.07	0.03	0.0	0.037
10	14	8	382	296.1	153.9	99.95	0.07	0.03	0.0	0.072
10	21	8	389	296.7	153.9	99.95	0.07	0.03	0.0	0.0
10	28	8	396	296.9	153.9	99.95	0.07	0.03	0.0	0.0
11	4	8	403	271.8	110.6	100.68	0.07	0.03	0.0	1.990
11	11	8	411	261.0	116.5	100.80	0.07	0.04	0.0	10.417

11	18	8	418	349.7	126.0	120.25	0.08	0.05	0.0 21.200
11	25	8	425	419.0	134.4	123.29	0.09	0.05	0.0 26.640
12	2	8	432	544.0	156.0	145.25	2.01	0.06	0.0 30.500
12	9	8	439	734.9	186.3	172.32	6.49	0.06	0.0 34.700
12	19	8	449	993.9	209.2	203.40	6.85	0.07	0.0 51.800
12	23	8	453	1054.6	210.3	206.17	6.97	0.08	0.0 24.300
12	30	8	460	1153.6	231.0	238.84	13.21	0.09	0.0 49.500

CUMULATIVE GRAMS OF POLLUTANTS

MO	DA	YR	DN	PHOSPHATE GRAMS	SULFATE GRAMS	CHLORIDE GRAMS	SUS.SOL GRAMS	N FREE GRAMS	N AMON GRAMS	COD GRAMS
10	3	7	6	0.0	0.0	0.1	0.0	0.0	0.0	4.8
10	16	7	19	0.2	0.3	0.8	32.3	0.1	0.6	66.7
10	23	7	26	0.2	0.3	0.9	32.5	0.1	0.6	74.7
10	30	7	33	0.2	0.4	1.0	32.8	0.2	0.7	79.3
11	6	7	40	0.2	0.4	1.1	34.3	0.2	0.7	81.6
11	13	7	47	0.2	0.5	1.1	34.7	0.2	0.7	84.1
11	20	7	54	0.2	0.5	1.2	34.9	0.2	0.7	85.9
11	27	7	61	0.2	0.7	1.4	35.2	0.2	0.8	88.1
12	4	7	68	0.2	0.7	1.5	35.3	0.2	0.8	89.3
12	11	7	75	0.2	0.7	1.5	35.3	0.2	0.8	89.8
12	18	7	82	0.2	0.7	1.5	35.4	0.3	0.8	90.6
12	26	7	90	0.2	0.8	1.5	35.4	0.3	0.8	91.0
1	2	8	97	0.2	0.8	1.6	35.4	0.3	0.9	93.1
1	9	8	103	0.2	0.8	1.6	35.4	0.3	0.9	93.6
1	15	8	110	0.2	0.8	1.6	35.4	0.3	0.9	93.8
1	22	8	117	0.2	0.8	1.6	35.4	0.3	0.9	94.0
1	29	8	124	0.2	0.8	1.6	35.4	0.3	0.9	94.3
2	5	8	131	0.2	0.8	1.6	35.4	0.3	0.9	94.4
2	12	8	138	0.2	0.8	1.6	35.4	0.3	0.9	94.8
2	19	8	145	0.2	0.8	1.6	35.4	0.3	0.9	94.8
2	26	8	152	0.2	0.8	1.6	35.5	0.3	0.9	95.0
3	4	8	159	0.2	0.8	1.6	35.5	0.3	0.9	95.0
3	11	8	166	0.3	2.5	3.5	35.9	0.5	1.5	146.3
3	18	8	173	0.4	5.7	5.1	37.6	1.0	2.8	354.7
3	25	8	180	0.6	7.4	5.7	42.7	1.7	5.1	710.1
4	1	8	187	0.8	15.8	17.0	47.2	3.0	7.7	1200.0
4	8	8	194	0.9	15.4	21.3	48.0	3.7	9.5	1495.4
4	15	8	201	1.0	20.1	24.5	48.5	4.3	10.7	1753.6
4	22	8	208	1.0	22.3	27.1	49.3	4.8	11.9	1964.8
4	29	8	215	1.1	24.2	29.6	50.4	5.3	12.8	2170.6
5	6	8	222	1.1	26.5	31.0	51.7	5.5	13.3	2289.3
5	13	8	229	1.1	26.8	37.8	52.1	5.7	13.6	2353.2
5	20	8	236	1.1	27.1	40.5	52.1	5.7	13.8	2387.7
5	26	8	243	1.1	27.2	41.7	52.1	5.8	13.8	2400.4
6	4	8	250	1.1	27.3	42.4	52.1	5.8	13.8	2406.5
6	10	8	257	1.1	27.3	42.4	52.1	5.8	13.8	2406.7
6	17	8	264	1.1	27.3	42.4	52.1	5.8	13.8	2406.7
6	24	8	271	1.1	27.3	42.4	52.1	5.8	13.8	2406.7
7	1	8	278	1.1	27.3	42.4	52.1	5.8	13.8	2406.7
7	8	8	285	1.1	27.3	42.7	52.1	5.8	13.9	2410.2
7	15	8	292	1.1	27.3	42.7	52.1	5.8	13.9	2410.2
7	22	8	299	1.1	27.3	42.9	52.2	5.8	13.9	2413.1
7	29	8	306	1.1	27.3	42.9	52.2	5.8	13.9	2413.1
8	5	8	313	1.1	27.3	42.9	52.2	5.8	13.9	2418.4
8	12	8	320	1.1	27.3	42.9	52.2	5.8	13.9	2420.0
8	19	8	327	1.1	27.3	42.9	52.2	5.8	13.9	2420.0
8	26	8	334	1.1	27.3	42.9	52.2	5.8	13.9	2420.0
9	2	8	342	1.1	27.3	43.1	52.2	5.8	13.9	2424.3
9	9	8	349	1.1	27.3	43.1	52.2	5.8	13.9	2424.3
9	16	8	356	1.1	27.3	43.3	52.2	5.8	13.9	2427.3
9	23	8	363	1.1	27.4	43.4	52.2	5.8	13.9	2429.3
9	30	8	370	1.1	27.4	43.6	52.2	5.8	13.9	2430.2
10	7	8	377	1.1	27.4	43.6	52.2	5.8	13.9	2430.9
10	14	8	384	1.1	27.4	43.6	52.2	5.8	13.9	2432.0
10	21	8	391	1.1	27.4	43.6	52.2	5.8	13.9	2432.0
10	28	8	398	1.1	27.4	43.6	52.2	5.8	13.9	2432.0
11	4	8	404	1.1	27.6	44.0	52.6	5.9	14.0	2463.3
11	11	8	411	1.1	28.0	46.4	53.3	6.3	14.5	2576.2

11	18	8	418	1.1	31.5	50.0	56.1	7.2	15.5	2806.1
11	25	8	425	1.1	34.6	54.2	58.5	8.6	16.8	3362.9
12	2	8	432	1.1	37.9	62.7	83.5	9.9	18.4	3908.4
12	9	8	439	1.1	41.8	75.6	70.8	11.8	20.3	4784.4
12	19	8	449	1.1	47.4	89.4	96.4	14.4	23.0	5333.3
12	23	8	453	1.1	50.3	95.0	110.1	15.1	23.9	5480.0
12	30	8	460	1.1	54.1	111.9	131.3	17.4	26.5	6529.2

SECTION 1-C3

MASS FLOW RATE OF POLLUTANTS

Notes:

1. Nomenclature - same as Section 1-C1.

2. Results in milligrams and not grams as indicated in the column headings.

MASS FLOW RATE

GRAMS PER WEEK

MO	DA	YR	DN	HARDNESS GRAMS	SODIUM GRAMS	IRON GRAMS	ZINC GRAMS	NICKEL GRAMS	COPPER GRAMS	LEACHATE LITERS
10	3	7	6	0.0	43.0	0.0	0.0	0.0	0.0	0.225
10	16	7	19	1769.0	661.2	5.89	0.0	0.0	0.1	1.220
10	23	7	26	320.0	312.0	0.0	0.0	0.0	0.0	0.150
10	30	7	33	264.0	253.0	0.0	0.0	0.0	0.0	0.220
11	6	7	40	132.0	21.4	0.0	0.0	0.0	0.0	0.110
11	13	7	47	501.0	172.2	0.20	0.0	0.0	0.0	0.394
11	20	7	54	458.3	404.7	0.40	0.0	0.0	0.0	0.391
11	27	7	61	721.0	463.5	0.76	0.0	0.0	0.0	2.060
12	4	7	68	366.0	334.2	0.76	0.0	0.0	0.0	1.521
12	11	7	75	132.6	86.6	0.24	0.0	0.0	0.0	0.442
12	18	7	82	114.2	90.0	0.18	0.0	0.0	0.0	0.408
12	25	7	89	29.9	13.6	0.04	0.0	0.0	0.0	0.105
1	2	8	97	226.1	130.3	0.20	0.0	0.0	0.0	0.931
1	8	8	103	36.0	35.7	0.08	0.0	0.0	0.0	0.180
1	15	8	110	11.2	5.7	0.03	0.0	0.0	0.0	0.045
1	22	8	117	20.5	41.3	5.05	0.0	0.0	0.0	0.043
1	29	8	124	23.5	13.5	3.43	0.0	0.0	0.0	0.042
2	5	8	131	11.5	27.6	2.50	0.0	0.0	0.1	0.012
2	12	8	138	25.5	30.5	2.00	0.0	0.0	0.2	0.039
2	19	8	145	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	26	8	152	26.0	0.0	1.55	0.0	0.0	0.0	0.020
3	4	8	159	62.4	150.7	3.12	0.0	0.0	0.3	0.104
3	11	8	166	9724.0	4731.1	2513.28	0.19	1.01	0.6	3.740
3	18	8	173	38630.0	11388.0	7777.00	0.44	2.31	2.4	11.000
3	25	8	180	42432.1	16011.7	12791.93	0.52	3.65	1.7	17.404
4	1	8	187	48667.5	16579.6	17586.32	0.96	5.94	2.4	23.927
4	8	8	194	32643.7	11740.0	13563.03	0.44	4.47	0.1	14.595
4	15	8	201	25423.3	12326.5	12076.52	17.06	2.49	1.0	12.450
4	22	8	208	27496.7	17457.4	9714.28	14.57	4.01	0.3	10.559
4	29	8	215	24078.3	9775.5	12303.30	14.92	3.06	0.6	10.290
5	6	8	222	13421.3	5637.5	5415.28	3.85	2.12	0.2	5.597
5	13	8	229	7242.5	2758.7	4764.20	4.30	0.54	0.1	2.905
5	20	8	236	3736.2	1422.8	656.27	1.57	0.75	0.0	1.437
5	28	8	244	1437.4	1339.0	250.35	0.38	0.32	0.0	0.550
6	4	8	250	587.1	272.2	34.45	0.07	0.16	0.0	0.281
6	10	8	256	14.2	30.4	0.11	0.02	0.01	0.0	0.008
6	17	8	263	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	24	8	271	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	1	8	278	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	8	8	285	427.5	272.0	1.23	0.09	0.28	0.0	0.150
7	15	8	292	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	22	8	299	324.0	116.0	3.28	0.01	0.07	0.0	0.120
7	29	8	306	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	5	8	312	0.0	0.0	0.70	0.04	0.15	0.0	0.190
8	12	8	320	176.1	42.2	0.71	0.0	0.05	0.0	0.062
8	19	8	327	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	26	8	334	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	3	8	341	434.7	0.0	4.67	0.0	0.37	0.0	0.161
9	9	8	348	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	16	8	356	310.0	121.6	0.20	0.10	1.04	0.0	0.124
9	23	8	362	252.6	84.0	0.04	0.0	0.03	0.0	0.098
9	31	8	369	75.0	246.4	0.22	0.00	0.00	0.0	0.032
10	7	8	376	30.5	36.3	0.04	0.00	0.02	0.0	0.037
10	14	8	383	231.6	71.3	0.01	0.01	0.03	0.0	0.072
10	21	8	390	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	28	8	397	0.0	0.0	0.0	0.0	0.0	0.0	0.0

11	4	8	404	5771.0	2029.8	1731.30	1.55	0.58	0.1	1.990
11	11	8	411	29167.6	6021.0	8125.26	4.69	4.17	0.2	10.417
11	18	8	418	48760.0	9158.4	11448.00	3.60	11.87	0.4	21.200
11	25	8	425	69263.9	8259.4	3036.96	15.19	0.0	1.6	26.640
12	2	8	432	125050.0	21594.0	21960.00	******	7.63	2.4	30.500
12	9	8	439	190849.9	30362.5	27066.00	******	9.37	4.2	34.700
12	19	8	449	258999.9	18855.2	31079.99	362.60	8.29	4.1	51.800
12	23	8	453	60750.0	5151.6	2770.20	121.50	4.86	1.7	24.300
12	30	8	460	99000.0	20691.0	32670.00	******	10.39	4.0	49.500

MASS FLOW RATE

GRAMS PER WEEK

MO	DA	YR	DN	PHOSPHATE GRAMS	SULFATE GRAMS	CHLORIDE GRAMS	SUS.SOL GRAMS	N FREE GRAMS	N AMON GRAMS	COD GRAMS
10	3	7	6	0.0	0.0	148.9	0.0	0.0	0.0	4837.5
10	16	7	19	156.6	305.0	634.4	32330.0	119.6	588.0	61872.3
10	23	7	26	16.0	35.2	116.5	154.7	28.3	43.8	8000.0
10	30	7	33	25.3	33.0	135.3	343.2	21.8	37.6	4565.9
11	6	7	40	4.9	13.2	17.6	1461.9	6.2	8.8	2310.0
11	13	7	47	6.3	78.8	95.0	373.9	15.4	30.7	2521.6
11	20	7	54	1.6	58.6	91.1	228.0	15.6	26.2	1773.2
11	27	7	61	4.1	144.2	144.2	261.6	14.4	41.2	2198.0
12	4	7	68	3.8	85.2	76.0	130.8	15.2	33.5	1230.5
12	11	7	75	1.1	17.7	32.3	30.9	4.8	8.8	514.5
12	19	7	82	2.3	11.4	30.2	35.9	6.1	9.0	733.2
12	26	7	90	1.3	6.4	12.6	6.3	2.0	7.3	439.9
1	2	8	97	4.2	69.1	43.8	75.4	5.6	29.8	2141.3
1	9	8	103	0.4	11.2	12.8	7.9	4.0	5.6	424.8
1	15	8	110	1.3	2.7	3.3	7.5	2.2	2.5	251.1
1	22	8	117	0.1	.9	4.9	0.0	1.5	0.9	138.7
1	29	8	124	0.1	0.2	3.1	7.0	2.1	1.8	337.6
2	5	8	131	0.3	.5	1.0	0.2	0.0	0.9	130.6
2	12	8	138	0.4	1.3	3.1	2.2	2.1	1.1	414.8
2	19	8	145	0.1	0.1	0.0	0.0	.0	0.0	0.0
2	26	8	152	0.5	1.0	4.7	1.0	1.1	1.1	140.8
3	4	8	159	0.3	0.3	11.1	5.7	5.3	6.6	0.0
3	11	8	166	44.7	1122.[illegible]	340.[illegible]	433.8	215.[illegible]	439.5	51372.6
3	18	8	173	189.0	4345.[illegible]	2662.0	1687.0	495.0	1320.0	208340.0
3	25	8	180	139.5	1745.4	4412.1	5151.6	727.9	2252.1	355385.5
4	1	8	187	283.4	3374.[illegible]	7225.9	4498.3	1240.[illegible]	2615.2	489928.9
4	8	8	194	171.6	2554.1	4202.0	758.5	700.6	1751.4	255373.6
4	15	8	201	46.2	1748.[illegible]	3212.1	513.4	627.[illegible]	1277.4	258212.8
4	22	8	208	31.7	3167.7	3587.[illegible]	1267.1	912.1	1143.5	211179.[illegible]
4	29	8	215	61.7	524.1	2631.3	638.[illegible]	446.6	902.4	205799.9
5	6	8	222	34.[illegible]	2245.[illegible]	1373.3	1310.3	286.3	530.7	118740.6
5	13	8	229	14.3	404.7	5747.7	331.2	145.[illegible]	281.8	63910.[illegible]
5	20	8	236	6.4	288.7	3687.7	10.7	73.1	144.8	34488.[illegible]
5	27	8	243	3.3	1.6	1275.4	39.4	24.7	52.8	12650.[illegible]
6	4	8	250	1.5	57.[illegible]	651.6	15.7	15.[illegible]	33.7	6182.[illegible]
6	10	8	257	0.7	1.6	17.4	0.0	3.6	1.1	188.[illegible]
6	17	8	264	.	.	.	0.0	0.0	0.0	0.[illegible]
6	24	8	271	.	.	0.3	0.0	0.0	0.0	0.0
7	1	8	278	.	.	0.0	0.[illegible]	0.[illegible]	0.0	0.[illegible]
7	8	8	285	.	0.[illegible]	150.2	12.1	8.4	19.0	3420.[illegible]
7	15	8	292	.	.	.	.	.	0.0	0.[illegible]
7	22	8	299	.	24.[illegible]	251.4	25.2	6.[illegible]	14.[illegible]	2676.[illegible]
7	29	8	306	.	.	0.[illegible]	0.[illegible]	0.0	0.0	0.[illegible]
8	5	8	313	.	.	0.0	0.0	8.2	22.8	5329.[illegible]
8	12	8	320	.	0.[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	4.7	1599.[illegible]
8	19	8	327	.	.	.	0.[illegible]	0.[illegible]	0.0	0.[illegible]
8	26	8	334	.	.	0.0	0.0	0.0	0.0	0.[illegible]
9	3	8	341	.	.	266.3	0.0	0.[illegible]	14.[illegible]	4765.[illegible]
9	9	8	347	.	0.[illegible]	0.[illegible]	0.[illegible]	0.0	0.0	0.[illegible]
9	16	8	354	0.[illegible]	21.[illegible]	134.4	0.0	5.[illegible]	5.0	911.[illegible]
9	23	8	361	0.[illegible]	35.[illegible]	118.8	7.[illegible]	4.[illegible]	5.5	1587.[illegible]
9	30	8	368	0.0	0.0	2.2	0.0	1.[illegible]	2.0	376.[illegible]
10	7	8	376	0.[illegible]	0.1	21.[illegible]	3.[illegible]	1.[illegible]	3.0	588.[illegible]
10	14	8	383	.	0.[illegible]	17.[illegible]	5.6	3.[illegible]	5.[illegible]	1176.[illegible]
10	21	8	390	.	.	.	0.0	0.[illegible]	0.0	0.[illegible]
10	28	8	397	0.[illegible]	.	.	0.0	0.0	0.0	0.[illegible]

11	4	8	404	0.0	246.8	495.5	413.9	75.6	38.6	31342.5
11	11	8	411	0.0	1145.9	2375.1	739.6	416.7	468.8	112930.7
11	18	8	418	0.2	2713.6	3667.6	2798.4	911.6	964.6	223829.1
11	25	8	425	0.0	3143.5	4132.5	2371.0	1332.0	1332.0	556829.3
12	2	8	432	0.0	3233.0	8509.5	4971.5	1372.5	1573.8	545462.0
12	9	8	439	0.0	3886.4	12839.0	7321.7	1846.0	1873.8	876001.4
12	16	8	446	0.0	5646.2	13830.6	25641.0	2590.0	2745.4	548976.3
12	23	8	453	0.0	2916.0	5689.0	13432.3	760.6	889.4	146650.4
12	30	8	460	0.0	5742.0	16929.0	21186.0	2227.5	2578.9	1049251.0

SECTION II

FIELD EXPERIMENTAL FACILITY

Note: Figure 2 - shows plot plan of the field facility area indicating all instrumentation.

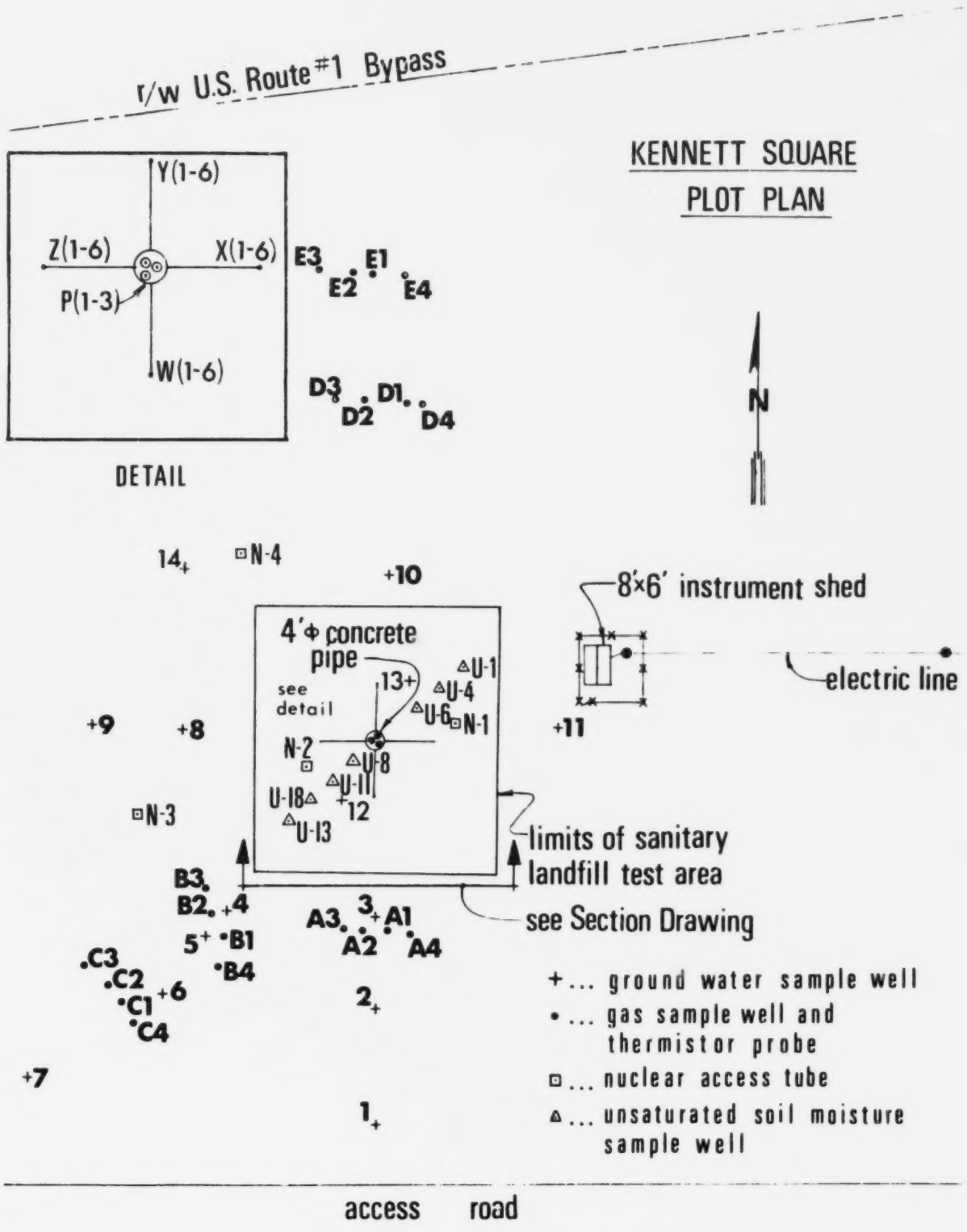

r/w U.S. Route #1 Bypass
KENNETT SQUARE
PLOT PLAN
Y(1-6)
Z(1-6)
X(1-6)
P(1-3)
W(1-6)
DETAIL
E3
E1
E2
E4
D3
D1
D2
D4
N
14
N-4
+10
8'×6' instrument shed
4'Φ concrete pipe
see detail
13+
U-1
U-4
U-6
N-1
N-2
U-8
U-11
U-18
12
U-13
+9
+8
+11
electric line
N-3
limits of sanitary landfill test area
B3
B2
4
3
A3
A1
A2
A4
5
B1
B4
see Section Drawing
C3
C2
C1
C4
6
2
+7
1
+... ground water sample well
•... gas sample well and thermistor probe
⊡... nuclear access tube
△... unsaturated soil moisture sample well
access road

Fig. 2

SECTION 2-A

FIELD LANDFILL TEMPERATURES

Notes:

1. Nomenclature

   MO = month
   DA = day of month
   DAY NO. = day of year
   YR = year 196-

2. T1 through T50 = temperature locations as listed in Table 1.

3. Temperatures are in degrees Fahrenheit.

TABLE 1

FIELD TEMPERATURE LOCATIONS*

T1 - From 9/10/68 Groundwater Temp.
2 - outside atmosphere
3 - west - 2 feet
4 - south - 2 feet
5 - east - 2 feet
6 - north - 2 feet
7 - west - 4 feet
8 - south - 4 feet
9 - east - 4 feet
10 - north - 4 feet
11 - west - 6 feet
12 - south - 6 feet
13 - east - 6 feet
14 - north - 6 feet
15 - west - 8 feet
16 - south - 8 feet
17 - east - 8 feet
18 - north - 8 feet
19 - west - 10 feet
20 - south - 10 feet
21 - east - 10 feet
22 - north - 10 feet
23 - west - 12 feet
24 - south - 12 feet
25 - east - 12 feet

T26 N-12
27 P-14
28 P-18
29 P-23
30 A-4
31 A-8
32 A-13
33 B-18
34 B-4
35 B-8
36 B-13
37 C-18
38 C-4
39 C-8
40 C-13
41 D-18
42 D-4
43 D-8
44 D-13
45 E-18
46 E-4
47 E-8
48 E-13
49 E-18
50 Ground Temp 6" below surface

* Refers to Figure 2.

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T1	T2	T3	T4	T5	T6
5	10	8	131	1	63.1	61.6	*****	*****	*****	*****
5	11	8	132	1	*****	*****	*****	*****	*****	*****
5	12	8	133	1	*****	*****	*****	*****	*****	*****
5	13	8	134	1	76.7	53.9	*****	*****	*****	*****
5	14	8	135	1	73.2	54.6	*****	*****	*****	*****
5	15	8	136	1	*****	*****	*****	*****	*****	*****
5	16	8	137	1	69.1	64.2	60.3	59.0	59.1	59.4
5	17	8	138	1	69.1	64.2	60.3	59.0	59.1	59.4
5	18	8	139	1	68.1	63.4	60.9	60.3	60.3	59.3
5	19	8	140	1	68.1	63.4	60.9	60.3	60.3	59.3
5	20	8	141	1	69.6	59.2	62.5	63.4	62.6	64.3
5	21	8	142	1	61.6	60.0	62.3	62.9	62.3	62.8
5	22	8	143	1	73.7	69.2	61.9	62.5	62.0	61.8
5	23	8	144	1	63.7	54.3	61.7	62.5	62.3	61.6
5	24	8	145	1	61.6	54.5	61.7	62.3	62.0	61.7
5	25	8	146	1	55.1	55.0	61.6	62.2	61.9	61.6
5	26	8	147	1	55.1	55.0	61.6	62.2	61.9	61.6
5	27	8	148	1	57.7	49.2	62.1	63.1	62.7	61.9
5	28	8	149	1	54.6	48.4	62.0	62.8	62.4	62.1
5	29	8	150	1	70.1	60.4	60.9	61.1	60.9	61.3
5	30	8	151	1	72.9	70.0	60.5	60.8	60.5	61.1
5	31	8	152	1	53.3	58.4	61.1	61.9	61.6	61.3
6	1	8	153	1	66.6	64.8	61.9	62.5	62.4	62.2
6	2	8	154	1	66.6	64.8	61.9	62.5	62.4	62.2
6	3	8	155	1	72.6	74.7	63.1	63.7	63.6	63.1
6	4	8	156	1	63.6	62.8	63.9	64.6	64.3	64.0
6	5	8	157	1	65.0	69.0	64.3	64.9	64.7	64.6
6	6	8	158	1	77.1	81.4	64.8	65.4	65.4	65.0
6	7	8	159	1	81.0	87.5	66.1	65.9	67.0	65.9
6	8	8	160	1	80.7	76.8	67.5	68.3	68.5	67.2
6	10	8	162	1	79.0	81.7	70.0	70.2	71.3	69.7
6	11	8	163	1	63.3	64.2	71.0	71.3	72.3	70.7
6	12	8	164	1	73.9	72.4	71.2	71.6	72.4	71.1
6	13	8	165	1	63.4	54.7	70.7	71.0	71.4	71.0
6	14	8	166	1	68.9	75.0	70.5	70.9	70.9	71.0
6	15	8	167	1	67.1	66.8	70.1	70.2	70.5	70.6
6	16	8	168	1	67.6	66.8	70.1	70.2	70.5	70.6
6	17	8	169	1	73.8	69.1	70.2	70.6	71.0	70.3
6	18	8	170	1	67.2	60.7	70.3	70.7	71.1	70.6
6	19	8	171	1	66.1	73.7	70.1	70.2	70.7	70.3
6	20	8	172	1	65.2	53.9	70.1	70.4	70.6	70.3
6	21	8	173	1	65.7	58.3	69.5	69.4	70.0	70.0
6	22	8	174	1	72.6	89.1	69.2	69.4	70.0	69.8
6	23	8	175	1	72.6	89.1	69.2	69.4	70.0	69.8
6	24	8	176	1	70.4	94.4	70.3	71.0	71.1	70.9
6	25	8	177	1	76.6	72.7	70.8	71.6	72.2	71.3
6	26	8	178	1	79.0	87.1	72.1	72.9	73.5	72.3
6	27	8	179	1	68.7	59.2	72.6	73.7	74.0	72.8
6	28	8	180	1	64.1	59.2	72.6	73.4	73.6	73.1
6	29	8	181	1	74.7	80.6	71.3	71.3	71.8	71.9
6	30	8	182	1	74.7	80.6	71.3	71.3	71.8	71.9
7	1	8	183	1	71.1	81.5	71.0	71.7	72.1	71.4
7	2	8	184	1	85.0	89.7	73.0	73.7	74.6	73.4
7	3	8	185	1	72.9	72.8	73.9	75.0	75.8	74.1

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T1	T2	T3	T4	T5	T6
7	4	8	186	1	72.9	72.8	73.9	75.0	75.8	74.1
7	5	8	187	1	80.9	80.9	74.3	74.6	75.3	0.0
7	6	8	188	1	63.9	61.2	74.0	74.7	75.3	0.0
7	7	8	189	1	63.9	61.2	74.0	74.7	75.3	74.1
7	8	8	190	1	74.4	84.7	74.0	74.7	75.6	0.0
7	9	8	191	1	71.0	71.2	74.3	75.1	76.0	0.0
7	10	8	192	1	81.1	87.3	75.0	75.5	76.8	0.0
7	11	8	193	1	75.4	81.5	75.4	76.0	77.2	0.0
7	12	8	194	1	69.7	67.1	75.5	76.1	77.1	0.0
7	13	8	195	1	82.1	84.3	75.6	76.0	77.3	0.0
7	14	8	196	1	82.1	84.3	75.6	76.0	77.3	74.1
7	15	8	197	1	79.7	78.2	77.0	77.4	78.3	0.0
7	16	8	198	1	74.1	76.9	77.4	77.8	79.2	0.0
7	17	8	199	1	75.2	82.7	73.7	78.2	79.4	0.0
7	18	8	200	1	86.5	91.5	78.5	79.1	80.1	78.7
7	19	8	201	1	76.9	69.2	79.5	80.3	81.2	79.6
7	20	8	202	1	73.4	73.1	79.6	80.4	81.2	79.8
7	21	8	203	1	72.7	58.1	79.3	79.9	80.8	79.6
7	22	8	204	1	70.5	70.7	78.7	79.4	80.1	79.0
7	23	8	205	1	78.1	85.1	78.7	79.3	80.1	79.0
7	24	8	206	1	76.4	72.4	79.1	79.7	80.6	79.2
7	25	8	207	1	86.5	91.6	79.0	79.6	80.5	79.2
7	26	8	208	1	76.5	69.2	78.9	79.5	80.4	79.1
7	27	8	209	1	73.4	73.1	78.8	79.4	80.2	79.1
7	28	8	210	1	72.5	58.1	78.8	79.3	80.1	79.0
7	29	8	211	1	70.5	70.7	78.7	79.2	80.0	79.0
7	30	8	212	1	68.7	75.7	78.6	79.1	79.8	78.9
7	30	8	212	1	78.0	84.4	78.6	78.8	79.7	78.9
7	31	8	213	1	79.3	75.2	78.5	78.4	79.4	78.8
8	1	8	214	1	76.8	72.7	78.4	78.3	79.5	78.7
8	2	8	215	1	89.6	84.5	78.5	78.5	79.6	78.8
8	3	8	216	1	83.0	76.2	78.9	79.0	79.8	79.1
8	4	8	217	1	83.0	70.6	78.9	79.0	79.8	79.1
8	5	8	218	1	89.4	72.2	79.0	79.1	79.8	79.1
8	6	8	219	1	88.7	70.8	79.3	79.5	80.2	79.3
8	7	8	220	1	77.1	77.1	78.2	79.2	80.1	79.8
8	8	8	221	1	78.3	90.4	79.8	80.2	80.8	79.9
8	9	8	222	1	72.4	81.5	80.4	80.8	81.3	80.5
8	10	8	223	1	73.6	77.5	80.5	80.8	81.4	80.5
8	11	8	224	1	69.3	63.8	81.2	81.5	81.8	81.1
8	12	8	225	1	71.9	77.7	81.0	80.8	81.4	81.1
8	13	8	226	1	72.6	75.2	80.6	80.4	80.9	80.7
8	14	8	227	1	73.6	83.2	80.1	79.7	80.4	80.2
8	15	8	228	1	75.7	68.2	80.1	79.6	80.4	80.0
8	16	8	229	1	67.1	58.5	80.0	79.6	80.4	79.9
8	17	8	230	1	75.2	69.9	80.0	79.5	80.4	79.9
8	18	8	231	1	76.4	77.0	79.9	79.6	80.4	79.6
8	19	8	232	1	76.5	74.7	80.5	80.2	81.0	80.0
8	20	8	233	1	78.7	84.1	80.7	80.1	80.9	80.2
8	21	8	234	1	77.4	90.2	80.8	80.3	81.2	80.1
8	22	8	235	1	73.5	67.2	80.9	80.5	81.4	80.2
8	23	8	236	1	76.6	78.9	81.6	81.3	82.0	80.9
8	24	8	237	1	75.5	71.8	82.5	82.1	82.9	81.5

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T1	T2	T3	T4	T5	T6
8	26	8	239	2	69.3	63.8	62.4	66.1	65.3	0.0
8	27	8	240	2	69.4	63.9	62.4	66.2	65.3	0.0
8	28	8	241	1	77.3	75.2	81.2	80.6	81.4	80.6
8	29	8	242	1	71.8	60.4	79.7	79.0	80.0	69.3
8	30	8	243	1	62.8	52.8	79.5	58.9	59.8	79.1
8	31	8	244	1	58.2	48.9	78.5	68.1	79.1	78.2
9	1	8	245	1	63.5	58.4	68.0	77.7	78.7	77.7
9	2	8	246	1	74.9	46.9	77.6	77.2	78.2	77.2
9	3	8	247	1	74.5	80.9	77.4	76.8	78.0	76.8
9	4	8	248	1	78.0	70.9	77.1	76.6	77.9	76.4
9	5	8	249	1	70.6	63.6	77.0	76.6	77.9	76.4
9	6	8	250	1	72.5	71.0	77.0	76.8	78.0	76.3
9	7	8	251	1	65.9	64.1	76.7	76.5	77.8	76.1
9	8	8	252	1	86.0	81.5	75.9	75.7	77.2	75.5
9	9	8	253	1	74.7	75.0	75.2	75.2	76.7	75.0
9	10	8	254	1	73.7	69.9	74.9	75.0	76.4	74.6
9	11	8	255	1	69.4	65.2	74.9	75.0	76.4	74.6
9	12	8	256	1	64.6	61.6	74.3	64.5	65.6	74.2
9	13	8	257	1	60.7	57.6	63.7	73.8	75.0	73.7
9	14	8	258	1	59.9	0.0	72.6	72.5	74.1	62.6
9	15	8	259	1	83.8	79.6	71.7	71.7	63.5	61.6
9	16	8	260	1	75.4	64.4	71.2	71.2	63.2	71.1
9	17	8	261	1	67.4	58.4	71.2	71.2	73.2	71.0
9	18	8	262	1	52.4	74.6	71.4	71.4	73.5	71.2
9	19	8	263	1	0.0	76.2	71.3	71.3	73.4	71.2
9	20	8	264	1	52.4	61.3	71.2	71.2	73.4	71.2
9	21	8	265	1	52.4	67.9	71.0	71.2	73.2	71.2
9	22	8	266	1	52.5	63.9	71.4	71.6	63.6	61.5
9	23	8	267	1	52.6	85.6	72.9	72.1	74.0	71.8
9	24	8	268	1	52.5	71.4	72.6	62.9	74.7	62.5
9	25	8	269	1	52.5	64.8	72.7	73.0	64.8	72.6
9	26	8	270	1	52.6	65.2	73.6	73.4	65.6	63.3
9	28	8	272	1	52.5	71.1	74.6	74.5	66.3	74.3
9	29	8	273	1	52.5	68.2	74.2	63.8	75.8	74.0
9	30	8	274	1	52.5	61.6	73.1	72.4	74.7	73.0
10	1	8	275	1	52.5	59.3	73.0	72.2	64.6	72.9
10	2	8	276	1	52.2	58.1	71.7	71.1	73.5	71.6
10	3	8	277	1	42.2	56.8	71.7	71.3	53.7	71.6
10	4	8	278	1	52.2	59.7	71.8	71.4	73.6	71.6
10	5	8	279	1	52.2	53.1	70.9	70.1	72.8	70.8
10	6	8	280	1	43.2	47.1	69.1	68.1	71.0	69.2
10	7	8	281	1	52.2	53.7	68.8	67.8	70.6	68.9
10	8	8	282	1	52.2	47.6	67.3	66.9	69.4	67.7
10	9	8	283	1	52.2	50.6	66.6	66.0	68.5	46.9
10	9	8	283	1	52.3	43.7	65.9	65.4	67.9	66.2
10	10	8	284	1	52.2	62.3	65.7	65.2	67.6	66.0
10	11	8	285	1	52.2	62.3	65.7	65.2	66.7	65.1
10	12	8	286	1	52.3	45.9	65.7	64.2	66.7	65.1
10	17	8	291	1	52.3	65.4	64.6	64.3	66.3	64.5
10	18	8	292	1	52.4	63.0	64.5	64.2	66.4	64.5
10	19	8	293	1	52.4	64.7	64.9	64.6	66.8	64.6
10	20	8	294	1	52.4	55.0	65.3	65.3	67.2	65.1
10	21	8	295	1	52.4	47.6	65.0	65.0	66.6	45.3

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T1	T2	T3	T4	T5	T6
10	22	8	296	1	52.4	58.8	63.9	63.5	65.2	64.2
10	23	8	297	1	52.4	49.4	62.1	61.9	63.6	62.8
10	24	8	298	1	52.4	49.3	62.0	61.9	63.5	62.7
10	25	8	299	1	52.5	61.3	61.6	61.2	63.0	61.9
10	26	8	300	1	52.5	46.1	61.0	61.0	62.5	61.5
10	27	8	301	1	52.5	46.1	61.0	61.0	62.5	61.5
10	28	8	302	1	42.5	56.4	58.1	57.6	59.3	58.9
10	29	8	303	1	52.5	44.4	57.0	56.6	58.2	57.9
10	30	8	304	1	52.5	37.1	57.0	56.4	58.0	47.7
10	31	8	305	1	52.5	37.1	57.0	56.4	58.0	47.7
11	1	8	306	1	52.5	47.2	53.4	42.6	54.4	44.3
11	21	8	326	1	42.7	35.0	46.4	46.2	46.5	47.7
11	22	8	327	1	42.7	38.2	45.3	44.9	45.3	46.6
11	23	8	328	1	42.7	47.6	44.4	43.7	44.4	45.5
11	24	8	329	1	52.7	46.4	43.9	43.4	44.0	45.1
11	25	8	330	1	52.7	45.3	43.9	43.5	44.0	45.0
11	26	8	331	1	52.7	37.6	44.1	44.1	44.5	45.3
11	27	8	332	1	52.7	45.2	44.3	43.9	44.3	45.3
11	28	8	333	1	52.8	47.4	44.1	43.8	44.1	45.0
11	29	8	334	1	52.8	56.9	44.7	44.6	44.8	45.5
11	30	8	335	1	52.8	37.8	45.9	46.0	46.1	46.7
12	1	8	336	1	52.8	37.1	45.9	46.0	46.1	46.8
12	2	8	337	1	52.8	39.9	45.6	45.3	45.5	46.5
12	3	8	338	1	52.8	33.2	45.0	44.9	45.1	45.9
12	4	8	339	1	52.8	54.6	45.1	44.9	45.0	45.9
12	14	8	349	1	53.3	53.4	38.8	38.1	38.6	39.6
12	16	8	351	1	53.3	33.7	37.2	37.0	37.4	38.3
12	17	8	352	1	53.4	29.1	37.0	36.8	37.3	38.1
12	18	8	353	1	53.4	34.4	37.0	36.7	37.2	38.1
12	19	8	354	1	53.4	34.3	36.5	36.3	36.7	37.6
12	20	8	355	1	53.4	45.6	36.6	36.3	36.7	37.5
12	21	8	356	1	53.4	37.4	36.5	36.1	36.6	37.4
12	22	8	357	1	53.4	31.6	36.3	36.0	36.5	37.2
12	23	8	358	1	53.5	35.8	36.2	35.9	36.4	37.2
12	24	8	359	1	53.5	29.2	36.1	35.9	36.2	37.1

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T7	T8	T9	T10	T11	T12	T13
5	10	8	131	1	*****	74.5	*****	*****	*****	62.1	*****
5	11	8	132	1	*****	*****	*****	*****	*****	*****	*****
5	12	8	133	1	*****	*****	*****	*****	*****	*****	*****
5	13	8	134	1	*****	71.7	*****	82.8	*****	61.5	*****
5	14	8	135	1	*****	*****	*****	*****	*****	*****	*****
5	15	8	136	1	*****	*****	*****	*****	*****	*****	*****
5	16	8	137	1	65.1	70.7	72.1	67.8	64.2	67.5	68.3
5	17	8	138	1	65.1	70.7	72.1	67.8	64.2	67.5	68.3
5	18	8	139	1	65.2	70.3	71.7	67.4	64.6	68.1	68.4
5	19	8	140	1	65.2	70.3	71.7	67.4	64.6	68.1	68.4
5	20	8	141	1	65.3	69.7	70.8	67.1	65.0	68.4	68.4
5	21	8	142	1	65.3	69.6	70.5	67.0	65.0	68.5	68.4
5	22	8	143	1	65.4	69.5	70.3	67.0	65.1	68.5	68.4
5	23	8	144	1	65.4	69.3	69.8	67.0	65.2	68.6	68.3
5	24	8	145	1	65.4	69.2	69.7	67.0	65.2	68.6	68.3
5	25	8	146	1	65.4	69.1	69.6	66.9	65.2	68.5	68.3
5	26	8	147	1	65.4	69.1	69.5	66.9	65.2	68.5	68.3
5	27	8	148	1	65.2	68.8	69.0	66.8	65.3	68.5	68.1
5	28	8	149	1	65.2	68.7	68.9	66.8	65.3	68.4	68.1
5	29	8	150	1	65.1	68.5	68.7	66.7	65.3	68.3	67.9
5	30	8	151	1	65.1	68.4	68.6	66.7	65.3	68.2	67.9
5	31	8	152	1	65.0	68.2	68.2	66.6	65.2	68.1	67.7
6	1	8	153	1	64.9	67.9	68.0	66.5	65.2	67.9	67.6
6	2	8	154	1	64.9	67.9	68.0	66.5	65.2	67.9	67.6
6	3	8	155	1	64.8	67.5	67.5	66.4	65.1	67.6	67.4
6	4	8	156	1	64.9	67.5	*****	66.3	65.1	67.5	67.3
6	5	8	157	1	64.9	67.4	67.4	66.3	65.1	67.4	67.1
6	6	8	158	1	65.0	67.4	67.2	66.3	65.0	67.2	67.0
6	7	8	159	1	65.0	67.3	67.2	66.4	65.0	67.1	66.8
6	8	8	160	1	65.2	67.3	67.2	66.4	64.9	66.9	66.7
6	10	8	162	1	65.6	67.5	67.4	66.5	64.5	66.6	66.5
6	11	8	163	1	65.7	67.6	67.5	66.6	64.8	66.6	66.4
6	12	8	164	1	65.1	67.7	67.7	66.8	64.8	66.5	66.3
6	13	8	165	1	66.4	67.8	67.8	66.8	64.5	65.9	65.8
6	14	8	166	1	66.6	67.9	68.0	67.0	64.5	65.9	65.7
6	15	8	167	1	66.7	68.0	68.2	67.0	64.5	65.9	65.6
6	16	8	168	1	66.7	68.0	68.2	67.0	64.5	65.9	65.6
6	17	8	169	1	67.1	68.2	68.5	67.4	64.5	65.7	65.5
6	18	8	170	1	67.1	68.2	68.6	67.4	64.5	65.7	65.5
6	19	8	171	1	67.4	68.4	68.8	67.7	64.5	65.6	65.4
6	20	8	172	1	67.5	68.4	68.8	67.7	64.6	65.6	65.3
6	21	8	173	1	67.6	68.5	69.0	67.9	64.6	65.6	65.2
6	22	8	174	1	67.6	68.5	69.0	67.9	64.6	65.6	65.2
6	23	8	175	1	67.6	68.5	69.0	67.9	64.6	65.6	65.2
6	24	8	176	1	67.7	68.5	69.1	68.0	64.7	65.5	65.1
6	25	8	177	1	67.7	68.5	69.1	68.0	64.7	65.5	65.1
6	26	8	178	1	67.8	68.5	69.2	68.1	64.7	65.5	65.1
6	27	8	179	1	67.9	68.6	69.3	68.2	64.7	65.5	65.1
6	28	8	180	1	68.1	68.7	69.4	68.3	64.7	65.5	65.0
6	29	8	181	1	68.1	68.9	69.6	68.5	64.7	65.5	65.0
6	30	8	182	1	68.3	68.9	69.6	68.5	64.7	65.5	65.0
7	1	8	183	1	68.5	69.1	69.8	68.6	64.8	65.5	65.0
7	2	8	184	1	69.3	69.3	70.7	69.3	65.6	65.8	65.3
7	3	8	185	1	69.3	69.7	70.8	69.3	65.6	66.1	65.9

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T7	T8	T9	T10	T11	T12	T13
7	4	8	186	1	69.3	69.7	70.8	69.3	65.6	66.1	65.9
7	5	8	187	1	69.6	70.1	71.1	69.6	65.8	66.1	66.0
7	6	8	188	1	69.7	70.1	71.2	69.7	65.8	66.2	66.0
7	7	8	189	1	69.7	70.1	71.2	69.7	65.8	66.2	66.0
7	8	8	190	1	70.0	70.4	71.5	69.9	66.0	66.2	66.0
7	9	8	191	1	70.1	70.5	71.5	70.0	66.0	66.2	66.0
7	10	8	192	1	70.2	70.6	71.7	70.1	66.1	66.2	66.0
7	11	8	193	1	70.3	70.7	71.8	70.2	66.1	66.2	66.2
7	12	8	194	1	70.4	70.8	71.8	70.3	66.1	66.3	66.1
7	13	8	195	1	70.6	70.9	72.1	70.5	66.2	66.3	66.1
7	14	8	196	1	70.6	70.9	72.1	70.5	66.2	66.3	66.1
7	15	8	197	1	70.9	71.1	72.3	70.7	66.3	66.4	66.1
7	16	8	198	1	71.0	71.2	72.4	70.8	66.3	66.4	66.1
7	17	8	199	1	71.1	71.3	72.5	70.9	66.4	66.5	66.1
7	18	8	200	1	71.5	71.5	72.8	71.2	66.5	66.5	66.2
7	19	8	201	1	71.7	71.8	73.1	71.4	66.5	66.5	66.2
7	20	8	202	1	71.8	71.9	73.2	71.5	66.5	66.6	66.2
7	21	8	203	1	72.0	72.1	73.3	71.6	66.5	66.6	66.2
7	22	8	204	1	72.2	72.3	73.5	71.8	66.6	66.7	66.3
7	23	8	205	1	72.5	72.5	73.8	72.1	66.7	66.8	66.4
7	24	8	206	1	72.5	72.6	74.0	72.2	66.7	66.8	66.4
7	25	8	207	1	72.8	72.8	74.1	72.4	66.8	66.9	66.4
7	26	8	208	1	72.9	73.0	74.2	72.5	66.9	66.9	66.4
7	27	8	209	1	73.1	73.1	74.4	72.7	67.0	67.0	66.5
7	28	8	210	1	73.3	73.2	74.6	72.8	67.0	67.1	66.6
7	29	8	211	1	73.4	73.3	74.7	73.0	67.1	67.2	66.6
7	30	8	212	1	73.5	73.4	74.8	73.1	67.2	67.3	66.7
7	30	8	212	1	73.4	73.	74.8	73.1	67.2	67.3	66.7
7	31	8	213	1	73.4	73.5	74.9	73.2	67.3	67.4	66.8
8	1	8	214	1	73.4	73.6	70.9	73.2	67.3	67.5	66.8
8	2	8	215	1	73.4	73.5	74.9	73.2	67.4	67.5	66.8
8	3	8	216	1	73.5	73.6	71.0	73.3	67.5	67.6	66.9
8	4	8	217	1	73.5	73.6	75.0	73.3	67.5	67.6	66.9
8	5	8	218	1	73.5	73.6	75.0	73.4	67.5	67.7	67.0
8	6	8	219	1	73.6	73.7	75.1	73.4	67.6	67.8	67.0
8	7	8	220	1	75.6	74.6	75.1	74.0	68.4	68.1	67.4
8	8	8	221	1	74.0	74.1	75.4	73.8	68.0	68.2	67.4
8	9	8	222	1	74.1	74.2	75.4	73.9	68.1	68.2	67.5
8	10	8	223	1	74.1	74.3	75.5	73.9	68.1	68.2	67.5
8	11	8	224	1	74.3	74.4	75.6	74.0	68.2	68.3	67.5
8	12	8	225	1	74.5	74.5	75.7	74.2	68.2	68.4	67.6
8	13	8	226	1	74.5	74.6	75.8	74.2	68.3	68.5	67.7
8	14	8	227	1	74.7	74.8	75.9	74.4	68.4	68.6	67.7
8	15	8	228	1	74.7	74.8	76.0	74.4	68.4	68.6	67.8
8	16	8	229	1	74.7	74.8	76.0	74.5	68.4	68.7	67.8
8	17	8	230	1	74.9	74.8	76.1	74.5	68.5	68.7	67.9
8	18	8	231	1	74.9	74.9	76.1	74.5	68.6	68.8	67.9
8	19	8	232	1	74.9	74.9	76.1	74.6	68.7	68.9	68.0
8	20	8	233	1	74.9	74.9	76.1	74.6	68.7	68.9	68.1
8	21	8	234	1	74.9	74.9	76.1	74.6	68.8	69.0	68.1
8	22	8	235	1	74.9	74.9	76.2	74.7	68.9	69.0	68.1
8	23	8	236	1	75.0	75.0	76.3	74.7	68.9	69.1	68.2
8	24	8	237	1	75.1	75.1	76.3	74.8	68.9	69.2	68.2

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T7	T8	T9	T10	T11	T12	T13
8	26	8	239	2	58.3	58.7	57.3	56.9	56.8	0.0	56.7
8	27	8	240	2	58.3	58.7	57.4	56.9	56.8	0.0	56.7
8	28	8	241	1	75.6	75.6	76.8	75.2	69.2	69.4	68.5
8	29	8	242	1	75.7	75.6	77.0	75.2	69.3	69.5	68.5
8	30	8	243	1	75.7	75.6	77.0	75.3	69.3	69.5	48.5
8	31	8	244	1	75.6	75.6	77.0	75.2	69.4	69.6	68.6
9	1	8	245	1	75.5	75.5	77.0	65.2	49.4	69.6	68.7
9	2	8	246	1	75.3	75.4	76.9	75.1	69.5	69.7	68.7
9	3	8	247	1	75.1	75.2	66.8	75.0	69.5	69.8	68.8
9	4	8	248	1	74.9	75.1	66.6	74.9	69.5	69.8	68.8
9	5	8	249	1	74.9	75.1	76.5	54.9	69.5	69.8	68.8
9	6	8	250	1	74.8	74.9	76.5	64.7	69.6	69.9	68.9
9	7	8	251	1	74.7	74.8	76.4	74.6	69.6	69.9	68.9
9	8	8	252	1	74.5	64.7	76.3	74.4	69.6	69.9	69.0
9	9	8	253	1	74.3	64.5	76.1	74.3	69.6	69.9	69.0
9	10	8	254	1	74.1	74.4	76.0	74.2	69.6	69.9	69.1
9	11	8	255	1	74.1	74.4	76.0	74.2	69.6	69.9	69.0
9	12	8	256	1	53.9	54.2	55.8	74.0	69.6	69.9	69.1
9	13	8	257	1	73.8	74.0	75.7	63.8	69.6	69.9	69.1
9	14	8	258	1	73.6	73.9	75.5	73.7	69.6	69.9	69.2
9	15	8	259	1	73.3	63.7	75.3	63.5	69.5	69.9	69.1
9	16	8	260	1	63.0	63.4	75.1	63.2	69.5	69.8	69.1
9	17	8	261	1	72.9	63.3	75.0	53.2	49.5	69.8	69.1
9	18	8	262	1	62.5	72.9	64.7	72.9	69.4	69.7	69.1
9	19	8	263	1	72.3	72.7	74.5	62.7	69.4	69.7	69.1
9	20	8	264	1	62.3	62.7	54.5	72.6	69.3	69.7	69.1
9	21	8	265	1	71.9	72.3	74.1	72.3	69.2	69.6	69.1
9	22	8	266	1	71.7	72.2	73.9	72.1	69.2	69.5	69.1
9	23	8	267	1	71.6	72.1	73.8	72.0	69.1	69.5	69.0
9	24	8	268	1	61.5	71.9	43.8	71.9	69.0	69.4	69.0
9	25	8	269	1	71.5	71.9	53.7	71.9	69.0	69.4	69.0
9	26	8	270	1	71.5	71.8	63.7	71.8	68.9	69.2	68.9
9	28	8	272	1	71.6	71.8	73.5	71.8	68.8	69.0	68.9
9	29	8	273	1	71.7	71.9	73.7	71.8	68.7	68.9	68.8
9	30	8	274	1	71.7	71.9	73.7	71.9	68.7	68.9	68.8
10	1	8	275	1	51.9	71.9	73.7	71.9	68.7	68.9	68.8
10	2	8	276	1	71.4	71.4	73.5	71.5	68.3	68.5	68.4
10	3	8	277	1	71.3	71.4	73.4	71.5	68.3	68.5	68.4
10	4	8	277	1	71.2	71.2	73.3	71.5	68.3	68.4	68.4
10	5	8	278	1	71.0	71.1	73.2	71.4	68.2	68.4	68.3
10	6	8	279	1	70.9	60.9	73.1	51.3	68.2	68.3	68.3
10	7	8	280	1	60.9	70.9	63.1	71.2	68.2	68.3	68.3
10	8	8	281	1	70.7	70.7	72.9	71.1	68.2	68.3	68.3
10	9	8	282	1	70.5	70.5	72.9	70.9	68.1	68.3	68.3
10	9	8	282	1	70.1	70.2	72.6	70.7	68.1	68.2	68.2
10	10	8	284	1	70.0	70.1	62.5	70.6	68.0	68.2	68.2
10	11	8	285	1	69.7	69.8	72.1	70.3	68.0	68.1	68.2
10	12	8	286	1	69.7	69.8	72.1	70.3	68.0	68.1	68.2
10	17	8	291	1	67.8	68.0	70.3	68.8	67.5	67.6	67.8
10	18	8	292	1	67.8	68.0	70.3	68.7	67.4	67.6	67.9
10	19	8	293	1	67.6	67.8	70.1	68.5	47.3	67.4	67.7
10	20	8	294	1	67.4	67.6	69.8	68.3	67.2	67.2	67.7
10	21	8	295	1	67.3	67.6	69.8	68.2	67.2	67.2	67.6

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T7	T8	T9	T10	T11	T12	T13
10	22	8	296	1	67.1	67.3	69.4	68.0	67.0	67.0	67.5
10	23	8	297	1	67.0	67.1	69.2	67.8	66.9	46.9	67.3
10	24	8	298	1	66.9	67.0	69.0	67.8	66.8	66.9	67.3
10	25	8	299	1	66.8	66.9	69.0	67.5	66.7	66.8	67.3
10	26	8	300	1	66.4	66.5	68.6	67.3	66.5	66.6	67.1
10	27	8	301	1	66.4	66.5	68.6	67.3	66.5	66.6	67.1
10	28	8	302	1	65.7	66.5	67.9	66.8	66.5	66.6	67.1
10	29	8	303	1	65.3	65.5	67.6	66.4	66.2	66.2	66.9
10	30	8	304	1	65.2	65.5	67.5	66.4	66.2	66.2	66.9
10	31	8	305	1	64.6	64.9	66.9	65.9	65.9	66.0	66.7
11	1	8	306	1	64.2	64.5	66.6	65.6	65.7	65.9	66.6
11	21	8	326	1	56.8	57.1	58.5	58.7	61.9	62.1	63.5
11	22	8	327	1	56.8	56.9	58.2	58.5	61.7	61.9	63.3
11	23	8	328	1	56.4	56.5	57.8	58.1	61.5	61.7	63.1
11	24	8	329	1	56.1	56.2	57.5	57.8	61.3	61.5	62.9
11	25	8	330	1	56.0	56.2	57.4	57.7	61.2	61.4	62.9
11	26	8	331	1	55.4	55.7	56.9	57.3	60.9	61.1	62.6
11	27	8	332	1	55.1	55.3	56.5	56.9	60.7	60.9	62.4
11	28	8	333	1	54.9	55.0	56.1	56.6	60.5	60.6	62.2
11	29	8	334	1	54.5	54.6	55.8	56.3	60.2	60.4	61.9
11	30	8	335	1	54.1	54.2	55.3	55.9	59.9	60.0	61.6
12	1	8	336	1	54.1	54.2	55.2	55.9	59.9	60.0	61.6
12	2	8	337	1	53.9	54.0	55.0	55.6	59.6	59.8	61.3
12	3	8	338	1	53.9	53.9	54.8	55.5	59.4	59.5	61.1
12	4	8	339	1	53.7	53.7	54.6	55.3	59.2	59.3	60.9
12	14	8	349	1	51.5	51.9	52.7	53.7	58.0	58.1	59.6
12	16	8	351	1	50.9	50.9	51.6	52.7	57.5	57.5	59.0
12	17	8	352	1	50.6	50.6	51.3	52.4	57.3	57.4	58.9
12	18	8	353	1	50.4	50.5	51.2	52.3	57.2	57.3	58.8
12	19	8	354	1	49.6	49.6	50.3	51.5	56.7	56.8	58.3
12	20	8	355	1	49.4	49.5	50.2	51.4	56.7	56.7	58.3
12	21	8	356	1	49.2	49.2	49.9	51.1	56.5	56.5	58.0
12	22	8	357	1	48.8	48.9	49.5	50.8	56.2	56.3	57.8
12	23	8	358	1	48.5	48.6	49.2	50.5	56.0	56.1	57.7
12	24	8	359	1	48.3	48.4	49.0	50.3	55.8	55.9	57.5

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
5	10	8	131	?	*****	*****	56.2	*****	*****	*****
5	11	8	132	?	0.0	0.0	0.0	0.0	0.0	0.0
5	12	8	133	?	0.0	0.0	0.0	0.0	0.0	0.0
5	13	8	134	?	*****	*****	56.2	*****	*****	*****
5	14	8	135	?	*****	*****	*****	*****	*****	*****
5	15	8	136	?	0.0	0.0	0.0	0.0	0.0	.0
5	16	8	137	?	67.5	62.6	62.8	67.0	65.5	55.3
5	17	8	138	?	67.5	62.6	62.8	67.0	65.5	55.3
5	18	8	139	?	67.7	62.5	62.5	*****	65.4	55.3
5	19	8	140	?	67.7	62.5	62.5	67.0	65.4	55.3
5	20	8	141	?	67.7	62.3	62.2	66.6	65.3	55.3
5	21	8	142	?	67.7	62.3	62.1	66.5	65.3	55.4
5	22	8	143	?	67.6	62.2	62.0	66.5	65.2	55.4
5	23	8	144	?	67.5	62.2	61.9	66.3	65.1	55.4
5	24	8	145	?	67.5	62.2	61.9	66.3	65.1	55.4
5	25	8	146	?	67.5	62.1	61.9	66.3	65.1	55.4
5	26	8	147	?	67.5	62.1	61.9	66.3	65.1	55.4
5	27	8	148	?	67.4	62.0	61.7	66.1	64.9	55.5
5	28	8	149	?	67.3	62.0	61.7	66.1	64.9	55.5
5	29	8	150	?	67.2	61.9	61.7	65.9	64.8	55.5
5	30	8	151	?	67.2	61.9	61.6	65.9	64.8	55.5
5	31	8	152	?	67.2	61.8	61.6	65.8	64.7	55.5
6	1	8	153	?	67.0	61.8	61.5	65.7	64.6	55.6
6	2	8	154	?	67.0	61.8	61.5	65.7	64.6	55.6
6	3	8	155	?	66.9	61.7	61.4	65.6	64.4	55.6
6	4	8	156	?	66.9	61.7	61.4	65.6	64.4	55.6
6	5	8	157	?	66.8	61.6	61.3	65.5	64.3	55.6
6	6	8	158	?	66.8	61.6	61.3	65.5	64.3	55.6
6	7	8	159	?	66.6	61.5	61.2	65.3	64.1	55.7
6	8	8	160	?	66.6	61.5	61.1	65.3	64.0	55.7
6	9	8	161	?	66.6	61.5	61.1	65.3	64.0	55.7
6	10	8	162	?	66.5	61.4	61.1	65.2	63.9	55.7
6	11	8	163	?	66.5	61.3	61.0	65.1	63.8	55.7
6	12	8	164	?	66.5	61.3	61.0	65.1	63.7	55.7
6	13	8	165	?	65.4	60.8	60.5	64.0	63.2	0.0
6	14	8	166	?	65.4	60.8	60.5	63.9	63.2	0.0
6	15	8	167	?	65.4	60.8	60.5	63.9	63.2	0.0
6	16	8	168	?	65.4	60.8	60.5	63.9	63.2	55.7
6	17	8	169	?	65.5	60.8	60.3	63.7	63.1	0.0
6	18	8	170	?	65.5	60.8	60.3	63.7	63.1	0.0
6	19	8	171	?	65.5	60.7	60.3	63.6	63.0	0.0
6	20	8	172	?	65.5	60.7	60.3	63.6	63.0	0.0
6	21	8	173	?	65.4	60.7	60.1	63.5	62.9	0.0
6	22	8	174	?	65.5	60.7	60.1	63.5	62.9	0.0
6	23	8	175	?	65.5	60.7	60.1	63.5	62.9	55.7
6	24	8	176	?	65.4	60.7	60.1	63.4	62.9	0.0
6	25	8	177	?	65.5	60.7	60.1	63.4	62.8	0.0
6	26	8	178	?	65.4	60.7	60.0	63.3	62.8	0.0
6	27	8	179	?	65.4	60.7	60.0	63.3	62.8	0.0
6	28	8	180	?	65.4	60.7	60.0	63.3	62.7	0.0
6	29	8	181	?	65.4	60.7	60.0	63.3	62.7	55.7
7	1	8	183	?	65.5	60.7	60.0	63.3	62.6	0.0
7	2	8	184	?	65.0	61.6	60.5	64.5	63.1	0.0
7	3	8	185	?	65.0	61.5	60.5	64.7	63.1	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
7	4	8	186	?	65.0	61.5	60.5	64.7	63.1	55.7
7	7	8	189	?	66.0	61.5	60.5	64.7	63.2	55.7
7	8	8	190	?	66.1	61.5	60.5	64.6	63.2	0.0
7	9	8	191	?	66.1	61.5	60.5	64.5	63.2	0.0
7	10	8	192	?	66.2	61.5	60.5	64.5	63.2	0.0
7	11	8	193	?	66.2	61.5	60.5	64.5	63.2	0.0
7	12	8	194	?	66.2	61.5	60.5	64.5	63.2	0.0
7	13	8	195	?	66.3	61.6	60.5	64.4	63.2	0.0
7	14	8	196	?	66.3	61.6	60.5	64.4	63.2	55.7
7	15	8	197	?	66.4	61.6	60.5	64.5	63.2	0.0
7	16	8	198	?	66.4	61.6	60.5	64.5	63.2	0.0
7	17	8	199	?	66.4	61.7	60.6	64.5	63.4	0.0
7	18	8	200	?	66.5	61.7	60.5	64.4	63.4	0.0
7	19	8	201	?	66.5	61.7	60.7	64.4	63.4	0.0
7	20	8	202	?	66.6	61.8	60.6	64.4	63.4	0.0
7	21	8	203	?	66.6	61.8	60.7	64.5	63.5	0.0
7	22	8	204	?	66.7	61.8	60.7	64.5	63.5	0.0
7	23	8	205	?	66.8	61.8	60.7	64.5	63.5	0.0
7	24	8	206	?	66.8	61.8	60.7	64.5	63.5	0.0
7	25	8	207	?	67.0	61.8	60.7	64.5	63.5	0.0
7	26	8	208	?	67.1	62.0	60.7	64.5	63.6	0.0
7	27	8	209	?	67.2	62.0	60.8	64.6	63.6	0.0
7	28	8	210	?	67.2	62.1	60.8	64.6	63.7	0.0
7	29	8	211	?	67.3	62.1	60.8	64.5	63.8	0.0
7	30	8	212	?	67.4	62.2	60.8	64.7	63.8	0.0
7	30	8	212	?	67.4	62.2	60.8	64.7	63.7	0.0
7	31	8	213	?	67.5	62.2	61.0	64.7	63.8	0.0
8	1	8	214	?	67.5	62.3	61.1	64.7	63.8	0.0
8	2	8	215	?	67.5	62.3	61.0	64.7	63.8	0.0
8	3	8	216	?	67.6	62.3	61.1	64.8	63.8	0.0
8	4	8	217	?	67.6	62.4	61.1	64.8	63.8	0.0
8	5	8	218	?	67.7	62.4	61.1	64.8	64.0	0.0
8	6	8	219	?	67.8	62.5	61.2	65.0	64.0	0.0
8	7	8	220	?	68.0	62.8	61.4	65.1	64.3	0.0
8	8	8	221	?	68.0	62.8	61.5	65.3	64.4	0.0
8	9	8	222	?	68.0	62.8	61.4	65.4	64.5	0.0
8	10	8	223	?	68.0	62.8	61.4	65.4	64.5	0.0
8	11	8	224	?	68.4	63.0	61.6	65.4	64.5	0.0
8	12	8	225	?	68.5	63.1	61.7	65.5	64.6	0.0
8	13	8	226	?	68.5	63.1	61.7	65.6	64.7	0.0
8	14	8	227	?	68.6	63.2	61.8	65.6	64.7	0.0
8	15	8	228	?	68.7	63.2	61.8	65.6	64.8	0.0
8	16	8	229	?	68.7	63.2	61.8	65.7	64.8	0.0
8	17	8	230	?	68.8	63.4	61.8	65.7	64.8	0.0
8	18	8	231	?	68.8	63.4	62.0	65.8	64.9	0.0
8	19	8	232	?	68.8	63.5	62.0	65.8	65.0	0.0
8	20	8	233	?	69.0	63.5	62.1	65.9	65.0	0.0
8	21	8	234	?	69.0	63.6	62.2	65.9	65.1	0.0
8	22	8	235	?	69.0	63.6	62.2	65.9	65.1	0.0
8	23	8	236	?	69.1	63.7	62.2	66.0	65.1	0.0
8	24	8	237	?	69.2	63.7	62.3	66.0	65.2	0.0
8	25	8	238	?	69.4	63.8	62.5	66.2	65.4	0.0
8	26	8	239	?	69.5	64.0	62.5	66.2	65.5	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
9	30	9	243	?	60.5	64.0	62.6	66.3	65.5	0.0
9	31	9	244	?	60.6	64.0	62.6	65.3	65.5	0.0
10	1	9	245	?	60.6	64.1	62.6	66.4	65.6	0.0
9	2	9	246	?	60.7	64.2	62.7	66.5	65.6	0.0
9	3	9	247	?	60.8	64.2	62.7	66.5	65.7	0.0
9	4	9	248	?	60.8	64.2	62.8	66.5	65.8	0.0
9	5	9	249	?	60.8	64.2	62.9	66.6	65.7	0.0
9	7	9	251	?	60.9	64.2	62.9	66.6	65.9	0.0
9	8	9	252	?	60.9	64.4	63.0	66.7	65.9	0.0
9	9	9	253	?	60.9	64.5	63.0	66.8	65.9	0.0
9	10	9	254	?	60.9	64.5	63.1	66.8	66.0	0.0
9	11	9	255	?	61.0	64.5	63.1	66.8	62.0	0.0
9	12	9	256	?	60.9	64.6	63.1	66.0	66.0	0.0
9	13	9	257	?	60.9	64.5	63.2	66.0	66.1	0.0
9	14	9	258	?	60.8	64.6	63.2	66.0	66.1	0.0
9	15	9	259	?	60.8	64.6	63.2	66.0	66.1	0.0
9	16	9	260	?	60.8	64.6	63.2	67.0	66.1	0.0
9	17	9	261	?	60.8	64.6	63.2	67.0	66.1	0.0
9	18	9	262	?	60.7	64.7	63.4	67.0	66.2	0.0
9	19	9	263	?	60.7	64.7	63.4	67.0	66.2	0.0
9	20	9	264	?	60.7	64.7	63.4	67.0	66.2	0.0
9	21	9	265	?	60.6	64.7	63.4	67.0	66.2	0.0
9	22	9	266	?	60.5	64.7	63.5	67.0	66.2	0.0
9	23	9	267	?	60.4	64.7	63.5	67.0	66.2	0.0
9	24	9	268	?	60.4	64.7	63.5	67.0	66.2	0.0
9	25	9	269	?	60.4	64.7	63.5	67.0	66.2	0.0
9	26	9	270	?	60.3	64.7	63.5	67.0	66.2	0.0
9	28	9	272	?	60.1	64.7	63.5	67.0	66.2	59.4
9	29	9	273	?	60.0	64.7	63.5	66.0	66.1	59.4
9	30	9	274	?	60.0	64.7	63.6	66.0	66.1	59.4
10	1	9	275	?	60.0	64.7	63.6	67.0	66.1	59.4
10	2	9	276	?	59.6	64.3	63.2	66.6	65.8	59.1
10	3	9	277	?	59.6	64.3	63.2	66.6	65.8	59.1
10	4	9	277	?	59.5	64.4	63.2	66.6	65.8	59.2
10	5	9	279	?	59.5	64.3	63.2	66.5	65.8	59.2
10	6	9	279	?	59.5	64.3	63.2	66.5	65.7	59.2
10	7	9	280	?	59.4	64.3	63.2	66.5	65.7	59.2
10	8	9	281	?	59.4	64.4	63.2	66.5	65.8	59.2
10	9	9	282	?	59.4	64.3	63.2	66.6	65.7	59.2
10	9	9	282	?	59.4	64.3	63.2	66.5	65.7	59.2
10	10	9	284	?	59.4	64.3	63.2	66.5	65.7	59.2
10	11	9	285	?	59.3	64.3	63.2	66.5	65.6	59.2
10	12	9	286	?	59.3	64.3	63.2	66.5	65.7	59.2
10	17	9	291	?	57.9	64.2	63.2	66.3	65.5	0.0
10	18	9	292	?	57.8	64.2	63.2	66.3	65.6	0.0
10	19	9	293	?	57.7	64.1	63.2	66.3	65.5	0.0
10	20	9	294	?	57.6	64.1	63.2	66.3	65.4	0.0
10	21	9	295	?	57.6	64.1	63.2	66.3	65.5	59.3
10	22	9	296	?	57.4	64.2	63.2	66.2	65.4	0.0
10	23	9	297	?	57.2	63.9	63.1	66.2	65.2	0.0
10	24	9	298	?	57.2	64.0	63.1	66.2	65.3	59.3
10	25	9	299	?	57.1	63.9	63.1	66.1	65.2	0.0
10	26	9	300	?	57.0	63.9	63.1	65.9	65.1	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T14	T15	T16	T17	T18	T19
10	27	8	301	2	67.0	63.8	63.1	65.0	65.1	59.3
10	28	8	302	2	67.0	63.7	63.0	65.0	65.1	59.3
10	29	8	303	2	66.6	63.7	63.0	65.0	65.0	0.0
10	30	8	304	2	66.6	63.7	63.0	65.0	65.0	0.0
10	31	8	305	2	66.4	63.6	62.9	65.7	64.9	0.0
11	1	8	306	2	66.3	63.5	62.9	65.6	64.8	0.0
11	10	8	315	2	65.4	63.1	62.6	65.3	64.4	0.0
11	14	8	319	2	64.1	62.5	62.2	64.4	63.7	0.0
11	21	8	326	2	62.0	61.8	61.7	63.6	63.0	0.0
11	22	8	327	2	62.7	61.7	61.6	63.4	62.9	0.0
11	23	8	328	2	62.4	61.5	61.4	63.3	62.7	0.0
11	24	8	329	2	62.1	61.4	61.3	63.1	62.5	0.0
11	25	8	330	2	62.1	61.4	61.3	63.1	62.5	0.0
11	26	8	331	2	61.8	61.3	61.2	62.9	62.4	0.0
11	27	8	332	2	61.6	61.1	61.1	62.7	62.2	0.0
11	28	8	333	2	61.4	61.0	61.0	62.5	62.0	0.0
11	29	8	334	2	61.1	60.8	60.8	62.3	61.8	0.0
11	30	8	335	2	60.9	60.6	60.7	62.1	61.7	0.0
12	1	8	336	2	60.8	60.6	60.6	62.0	61.6	0.0
12	2	8	337	2	60.6	60.4	60.5	61.9	61.5	0.0
12	3	8	338	2	60.3	60.2	60.4	61.7	61.3	0.0
12	4	8	339	2	60.1	60.0	60.2	61.5	61.1	0.0
12	14	8	349	2	58.8	58.3	58.7	60.5	60.2	0.0
12	16	8	351	2	58.3	58.0	58.4	60.0	59.8	0.0
12	17	8	352	2	58.2	58.0	58.3	59.9	59.7	0.0
12	18	8	353	2	58.1	58.0	58.3	59.9	59.7	0.0
12	19	8	354	2	57.6	58.4	58.2	59.4	59.2	0.0
12	20	8	355	2	57.5	58.4	58.0	59.4	59.2	0.0
12	21	8	356	2	57.3	58.2	58.0	59.2	59.1	0.0
12	22	8	357	2	57.0	58.1	58.7	59.0	58.9	0.0
12	23	8	358	2	56.9	58.0	58.6	58.9	58.8	0.0
12	24	8	359	2	56.7	57.9	58.5	58.7	58.6	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
5	10	0	131	?	*****	*****	*****	*****	*****	*****	*****
5	11	0	132	?	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	12	0	133	?	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	13	0	134	?	*****	*****	*****	*****	*****	*****	*****
5	14	0	135	?	*****	*****	*****	*****	*****	*****	*****
5	15	0	136	?	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	16	0	137	?	56.3	56.4	55.4	53.0	53.3	53.4	56.0
5	17	0	138	?	56.3	56.4	55.4	53.0	53.3	53.4	56.0
5	18	0	139	?	56.3	56.4	55.5	53.5	53.3	53.3	53.9
5	19	0	140	?	56.3	56.4	55.5	53.5	53.3	53.3	53.9
5	20	0	141	?	56.3	56.3	55.5	53.3	53.4	53.4	53.3
5	21	0	142	?	56.3	56.4	55.5	53.3	53.4	53.4	53.3
5	22	0	143	?	56.3	56.3	55.4	53.3	53.5	53.4	53.3
5	23	0	144	?	56.4	56.4	55.4	53.4	53.4	53.5	53.4
5	24	0	145	?	56.4	56.4	55.4	53.4	53.4	53.4	53.5
5	25	0	146	?	56.4	56.4	55.5	53.5	53.4	53.4	53.5
5	26	0	147	?	56.4	56.4	55.5	53.5	53.4	53.4	53.5
5	27	0	148	?	56.4	56.4	55.4	53.5	53.7	53.7	53.5
5	28	0	149	?	56.4	56.4	55.4	53.4	53.3	53.7	53.4
5	29	0	150	?	56.4	56.4	55.4	53.4	53.3	53.3	53.4
5	30	0	151	?	56.4	56.4	55.4	53.4	53.3	53.3	53.4
5	31	0	152	?	56.4	56.4	55.4	53.7	53.3	53.3	53.7
6	1	0	153	?	56.4	56.4	55.4	53.7	53.3	53.3	53.7
6	2	0	154	?	56.4	56.4	55.4	53.7	53.3	53.3	53.7
6	3	0	155	?	56.4	56.4	55.4	53.3	54.1	54.1	53.3
6	4	0	156	?	56.5	56.4	55.4	53.3	54.1	54.1	53.3
6	5	0	157	?	56.5	56.4	55.4	53.3	54.1	54.1	53.3
6	6	0	158	?	56.5	56.4	55.4	54.3	54.3	54.3	53.3
6	7	0	159	?	56.5	56.4	55.4	54.3	54.3	54.3	54.3
6	8	0	160	?	56.5	56.5	55.4	54.1	54.3	54.3	54.3
6	9	0	161	?	56.5	56.5	55.4	54.1	54.3	54.3	54.3
6	10	0	162	?	56.5	56.5	55.4	54.1	54.3	54.3	54.1
6	11	0	163	?	56.5	56.5	55.4	54.1	54.4	54.3	54.1
6	12	0	164	?	56.4	56.5	55.4	54.3	54.4	54.3	54.1
6	13	0	165	?	56.1	56.1	55.1	53.3	54.1	0.0	53.3
6	14	0	166	?	56.1	56.1	55.1	53.3	54.1	0.0	53.3
6	15	0	167	?	56.3	56.1	55.1	53.3	54.1	0.0	53.3
6	16	0	168	?	56.3	56.1	55.1	53.3	54.1	54.3	53.3
6	17	0	169	?	56.1	56.1	55.1	54.1	54.2	0.0	53.3
6	18	0	170	?	56.1	56.1	55.1	54.3	54.3	0.0	53.3
6	19	0	171	?	56.3	56.1	55.1	54.1	54.2	0.0	54.3
6	20	0	172	?	56.1	56.1	55.1	54.3	54.3	0.0	54.3
6	21	0	173	?	56.1	56.1	55.1	54.1	54.3	0.0	54.3
6	22	0	174	?	56.1	56.1	55.1	54.1	54.3	0.0	54.3
6	23	0	175	?	56.1	56.1	55.1	54.1	54.3	54.3	54.3
6	24	0	176	?	56.1	56.1	55.1	54.3	54.3	0.0	54.1
6	25	0	177	?	56.3	56.3	55.1	54.3	54.3	0.0	54.1
6	26	0	178	?	56.1	56.1	55.1	54.3	54.3	0.0	54.1
6	27	0	179	?	56.3	56.3	55.1	54.3	54.3	0.0	54.1
6	28	0	180	?	56.3	56.3	55.1	54.3	54.4	0.0	54.3
6	29	0	181	?	56.3	56.3	55.1	54.3	54.4	54.3	54.3
6	30	0	182	?	56.3	56.3	55.1	54.3	54.4	54.3	54.3
7	1	0	183	?	56.1	56.3	55.1	54.3	54.4	0.0	54.3
7	2	0	184	?	56.5	57.5	55.0	54.3	54.3	0.0	54.4
7	3	0	185	?	56.5	57.4	55.0	54.3	54.3	0.0	54.4

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
7	4	8	186	2	56.5	57.4	55.8	54.0	54.8	54.3	54.6
7	7	8	189	2	56.5	57.5	55.0	55.0	54.9	54.3	54.8
7	8	8	190	2	0.0	57.5	55.7	55.1	55.0	0.0	54.9
7	9	8	191	2	0.0	57.5	55.8	55.1	55.0	0.0	55.0
7	10	8	192	2	0.0	57.4	55.8	55.1	55.0	0.0	54.9
7	11	8	193	2	0.0	57.4	55.8	55.2	55.0	0.0	55.0
7	12	8	194	2	0.0	57.4	55.8	55.2	55.1	0.0	55.0
7	13	8	195	2	0.0	57.4	55.8	55.2	55.1	0.0	55.0
7	14	8	196	2	57.5	57.4	55.8	55.2	55.1	54.3	55.0
7	15	8	197	2	0.0	57.4	55.8	55.2	55.1	0.0	55.0
7	16	8	198	2	0.0	57.4	55.8	55.2	55.1	0.0	55.1
7	17	8	199	2	0.0	57.4	55.8	55.2	55.2	0.0	55.1
7	18	8	200	2	56.8	57.4	55.8	55.4	55.3	0.0	55.2
7	19	8	201	2	57.0	57.5	55.8	55.5	55.4	0.0	55.3
7	20	8	202	2	56.8	57.4	55.8	55.5	55.3	0.0	55.2
7	21	8	203	2	56.8	57.5	55.8	55.5	55.3	0.0	55.2
7	22	8	204	2	56.8	57.5	56.0	55.5	55.4	0.0	55.3
7	23	8	205	2	56.8	57.5	56.0	55.5	55.4	0.0	55.3
7	24	8	206	2	57.0	57.5	56.0	55.6	55.3	0.0	55.3
7	25	8	207	2	57.0	57.5	56.0	55.6	55.3	0.0	55.3
7	26	8	208	2	57.0	57.5	56.0	55.6	55.4	0.0	55.3
7	27	8	209	2	57.0	57.5	56.0	55.7	55.5	0.0	55.4
7	28	8	210	2	57.1	57.6	56.1	55.7	55.5	0.0	55.4
7	29	8	211	2	57.1	57.6	56.1	55.8	55.5	0.0	55.4
7	30	8	212	2	57.1	57.6	56.1	55.8	55.6	0.0	55.5
7	30	8	212	2	57.0	53.6	53.1	51.7	51.6	0.0	51.5
7	31	8	213	2	57.1	57.6	56.3	55.8	55.6	0.0	51.5
8	1	8	214	2	57.4	53.6	53.2	55.0	55.8	0.0	55.6
8	2	8	215	2	57.1	57.7	56.2	55.8	55.7	0.0	51.5
8	3	8	216	2	57.2	57.7	56.2	51.0	55.7	0.0	55.6
8	4	8	217	2	57.2	57.7	53.2	55.0	55.8	0.0	55.6
8	5	8	218	2	57.2	57.7	56.2	55.0	55.8	0.0	55.6
8	6	8	219	2	57.4	57.8	53.4	54.0	55.8	0.0	51.7
8	7	8	220	2	57.5	57.9	56.5	56.2	56.0	0.0	55.8
8	8	8	221	2	57.5	58.0	56.5	56.2	56.1	0.0	56.0
8	9	8	222	2	57.5	58.0	56.7	56.3	56.1	0.0	56.0
8	10	8	223	2	57.6	58.0	56.7	56.3	56.2	0.0	56.0
8	11	8	224	2	57.6	58.1	56.7	56.3	56.2	0.0	56.1
8	12	8	225	2	57.7	58.2	56.8	56.4	56.3	0.0	56.1
8	13	8	226	2	57.7	58.2	56.8	56.4	56.3	0.0	56.2
8	14	8	227	2	57.5	58.2	56.8	56.5	56.4	0.0	56.2
8	15	8	228	2	57.8	58.3	56.8	56.5	56.4	0.0	56.2
8	16	8	229	2	57.8	10.2	56.8	56.5	56.4	0.0	56.2
8	17	8	230	2	58.0	58.2	56.8	56.4	56.4	0.0	56.2
8	18	8	231	2	57.8	58.4	57.0	56.6	56.5	0.0	56.3
8	19	8	232	2	58.0	58.4	57.0	56.5	56.5	0.0	56.4
8	20	8	233	2	58.0	58.5	57.1	56.7	56.6	0.0	56.4
8	21	8	234	2	58.1	58.5	57.1	56.7	56.6	0.0	56.5
8	22	8	235	2	58.1	58.5	57.1	56.7	56.6	0.0	56.5
8	23	8	236	2	58.2	58.5	57.2	56.8	56.7	0.0	56.5
8	24	8	237	2	58.2	58.6	57.2	56.8	56.7	0.0	56.6
8	28	8	241	2	58.4	58.7	57.4	57.0	56.8	0.0	56.7
8	29	8	242	2	58.4	58.8	57.5	57.0	56.9	0.0	56.8

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
9	30	8	243	?	59.5	58.8	57.5	57.0	56.9	0.0	56.8
9	31	8	244	?	59.5	58.8	57.5	57.1	56.9	0.0	56.8
9	1	8	245	?	59.5	58.9	57.6	57.1	57.0	0.0	56.8
9	2	8	246	?	59.6	58.9	57.6	57.1	57.0	0.0	56.9
9	3	8	247	?	59.4	58.9	57.7	57.2	57.1	0.0	56.9
9	4	8	248	?	59.7	58.9	57.7	57.2	57.1	0.0	56.9
9	5	8	249	?	59.7	58.9	57.7	57.2	57.1	0.0	57.0
9	7	8	251	?	59.8	59.1	57.8	57.3	57.2	0.0	57.1
9	8	8	252	?	59.3	59.2	57.9	47.4	57.2	0.0	57.1
9	9	8	253	?	59.8	59.2	57.9	57.4	57.2	0.0	57.1
9	10	8	254	?	59.9	59.3	58.0	57.5	57.4	0.0	57.2
9	11	8	255	?	59.9	59.1	58.0	57.5	57.4	0.0	57.2
9	12	8	256	?	59.9	59.3	58.0	57.5	57.4	0.0	57.3
9	13	8	257	?	60.1	59.4	58.1	57.6	57.5	0.0	47.3
9	14	8	258	?	60.1	59.4	58.1	47.6	57.5	0.0	57.3
9	15	8	259	?	60.2	59.5	58.2	57.6	57.5	0.0	57.4
9	16	8	260	?	60.2	59.5	58.2	57.6	57.6	0.0	57.4
9	17	8	261	?	60.2	59.5	58.2	57.7	57.6	0.0	57.4
9	18	8	262	?	60.3	59.6	58.3	57.7	57.7	0.0	57.5
9	19	8	263	?	60.3	59.5	58.3	57.8	57.7	0.0	57.5
9	20	8	264	?	59.3	59.6	58.3	57.8	57.7	0.0	57.5
9	21	8	265	?	60.4	59.7	58.4	57.9	57.8	0.0	57.6
9	22	8	266	?	60.4	59.8	58.5	57.9	57.9	0.0	57.7
9	23	8	267	?	60.4	59.8	58.5	57.9	57.9	0.0	57.7
9	24	8	268	?	60.5	59.8	58.5	57.9	57.9	0.0	57.7
9	25	8	269	?	60.5	59.8	58.6	58.0	57.9	0.0	47.7
9	26	8	270	?	60.5	59.9	58.6	58.0	58.0	0.0	57.8
9	28	8	272	?	60.6	59.9	58.7	58.1	58.0	0.0	57.9
9	29	8	273	?	60.6	59.9	58.7	58.1	48.1	0.0	57.9
9	30	8	274	?	60.6	60.0	58.7	58.2	58.1	0.0	57.9
10	1	8	275	?	60.6	59.9	58.8	58.2	58.1	0.0	58.0
10	2	8	276	?	60.4	59.7	58.4	57.9	57.9	0.0	57.6
10	3	8	277	?	60.4	59.7	58.5	57.9	57.9	0.0	57.7
10	4	8	278	?	60.4	59.7	58.4	57.9	57.9	60.2	57.7
10	5	8	279	?	60.4	59.7	58.4	57.9	57.9	0.0	57.7
10	6	8	280	?	60.4	59.8	58.4	58.0	58.0	0.0	57.8
10	7	8	281	?	60.4	59.8	58.4	58.0	58.0	0.0	57.8
10	8	8	282	?	60.4	59.8	58.7	58.1	58.0	0.0	57.9
10	9	8	283	?	60.5	59.9	58.7	58.2	58.0	0.0	57.9
10	10	8	284	?	60.5	59.9	58.7	58.1	58.0	0.0	57.8
10	11	8	285	?	60.5	59.9	58.7	58.2	58.0	60.2	57.9
10	12	8	286	?	60.5	59.9	58.7	58.1	58.1	60.2	57.9
10	17	8	291	?	0.0	60.1	59.0	58.2	58.2	0.0	58.0
10	18	8	292	?	0.0	60.1	59.0	58.2	58.2	0.0	58.0
10	19	8	293	?	0.0	60.1	59.0	58.2	58.2	0.0	58.1
10	20	8	294	?	0.0	60.1	59.0	58.2	58.2	0.0	58.1
10	21	8	295	?	60.5	60.2	59.0	58.2	58.2	60.2	58.1
10	22	8	296	?	0.0	60.2	59.0	58.2	58.2	0.0	58.1
10	23	8	297	?	0.0	60.2	59.0	58.2	58.2	0.0	58.1
10	24	8	298	?	60.5	60.2	59.0	58.4	58.4	60.2	58.1
10	25	8	299	?	0.0	60.1	58.9	58.2	58.2	0.0	58.1
10	26	8	300	?	0.0	60.2	59.0	58.2	58.2	0.0	58.2

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T20	T21	T22	T23	T24	T25	T26
10	27	8	301	?	59.5	60.2	59.0	58.4	58.4	69.3	58.2
10	28	8	302	?	59.5	60.2	59.0	58.4	58.4	69.3	58.1
10	29	8	303	?	0.0	60.2	59.0	58.5	58.4	0.0	58.2
10	30	8	304	?	0.0	60.3	58.9	58.4	58.4	0.0	58.2
10	31	8	305	?	0.0	60.3	59.0	58.4	58.4	0.0	58.2
11	1	8	306	?	0.0	60.3	59.0	58.4	58.4	0.0	58.2
11	10	8	315	?	0.0	60.2	59.0	58.4	58.5	0.0	58.2
11	14	8	319	?	0.0	60.1	59.0	58.4	58.4	0.0	58.2
11	21	8	326	?	0.0	60.0	58.9	58.3	58.3	0.0	58.1
11	22	8	327	?	0.0	60.1	58.9	58.3	58.3	0.0	58.1
11	23	8	328	?	0.0	60.0	58.9	58.3	58.3	0.0	58.0
11	24	8	329	?	0.0	59.9	58.9	58.3	58.3	0.0	58.0
11	25	8	330	?	0.0	59.9	58.9	58.3	58.3	0.0	58.0
11	26	8	331	?	0.0	59.9	58.9	58.3	58.2	0.0	58.0
11	27	8	332	?	0.0	59.8	58.8	58.1	58.2	0.0	57.9
11	28	8	333	?	0.0	59.8	58.8	58.1	58.2	0.0	57.9
11	29	8	334	?	0.0	59.7	58.7	58.1	58.1	0.0	57.9
11	30	8	335	?	0.0	59.7	58.7	58.0	58.1	0.0	57.9
12	1	8	336	?	0.0	59.7	58.7	58.0	58.1	0.0	57.9
12	2	8	337	?	0.0	59.6	58.6	58.0	58.0	0.0	57.8
12	3	8	338	?	0.0	59.5	58.5	57.9	58.0	0.0	57.8
12	4	8	339	?	0.0	59.4	58.5	57.9	58.0	0.0	57.7
12	14	8	349	?	0.0	59.3	58.5	58.0	58.1	0.0	57.8
12	16	8	351	?	0.0	59.2	58.4	57.9	57.9	0.0	57.7
12	17	8	352	?	0.0	59.1	58.4	57.8	57.9	0.0	57.7
12	18	8	353	?	0.0	59.1	58.3	57.8	57.9	0.0	57.6
12	19	8	354	?	0.0	59.0	58.2	57.6	57.8	0.0	57.5
12	20	8	355	?	0.0	59.0	58.2	57.6	57.8	0.0	57.5
12	21	8	356	?	0.0	58.9	58.1	57.6	57.7	0.0	57.4
12	22	8	357	?	0.0	58.7	58.1	57.6	57.6	0.0	57.3
12	23	8	358	?	0.0	58.7	58.0	57.5	57.6	0.0	57.3
12	24	8	359	?	0.0	58.6	58.0	57.5	57.6	0.0	57.3

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T27	T28	T29	T30	T31	T32
5	18	8	139	3	*****	*****	*****	*****	*****	*****
5	19	8	140	3	*****	*****	*****	*****	*****	*****
5	20	8	141	3	*****	*****	*****	*****	*****	*****
5	21	8	142	3	*****	*****	*****	52.3	46.3	46.4
5	22	8	143	3	*****	*****	*****	52.4	45.4	46.4
5	23	8	144	3	*****	*****	*****	52.6	46.6	46.4
5	24	8	145	3	*****	*****	*****	52.7	46.7	46.4
5	25	8	146	3	*****	*****	*****	52.7	46.8	46.5
5	26	8	147	3	0.0	0.0	0.0	0.0	0.0	0.0
5	27	8	148	3	*****	*****	*****	52.8	47.1	46.5
5	28	8	149	3	*****	*****	*****	52.9	47.1	46.6
5	29	8	150	3	*****	*****	*****	53.1	47.3	46.6
5	30	8	151	3	*****	*****	*****	53.1	47.3	46.7
5	31	8	152	3	0.0	0.0	0.0	53.1	47.5	46.7
6	1	8	153	3	0.0	0.0	0.0	53.1	47.7	46.8
6	2	8	154	3	0.0	0.0	0.0	0.0	0.0	0.0
6	3	8	155	3	0.0	0.0	0.0	53.5	47.9	46.9
6	4	8	156	3	0.0	0.0	0.0	53.7	48.0	47.0
6	5	8	157	3	52.5	52.5	0.0	54.0	48.1	47.0
6	6	8	158	3	52.6	55.5	0.0	54.4	48.2	47.1
6	7	8	159	3	52.6	54.3	0.0	54.8	48.4	57.2
6	8	8	160	3	56.6	53.7	0.0	55.3	48.5	47.2
6	9	8	161	3	56.6	53.7	0.0	55.3	48.5	47.2
6	10	8	162	3	56.7	52.4	0.0	56.4	48.8	47.3
6	11	8	163	3	56.7	51.6	0.0	57.0	48.8	47.4
6	12	8	164	3	56.8	51.6	0.0	57.5	49.0	47.5
6	13	8	165	3	0.0	50.6	0.0	58.1	48.3	47.2
6	14	8	166	3	0.0	50.8	0.0	58.4	49.0	47.2
6	15	8	167	3	0.0	50.8	0.0	58.6	49.1	47.3
6	16	8	168	3	56.3	50.8	0.0	58.6	49.1	47.3
6	17	8	169	3	0.0	50.9	0.0	59.0	49.4	47.4
6	18	8	170	3	0.0	50.9	0.0	59.1	49.5	47.4
6	19	8	171	3	0.0	51.0	0.0	59.6	49.8	47.6
6	21	8	173	3	0.0	51.0	0.0	60.0	50.3	47.7
6	22	8	174	3	0.0	51.1	0.0	60.0	50.4	47.7
6	23	8	175	3	56.8	51.1	0.0	60.0	50.4	47.7
6	24	8	176	3	0.0	51.2	0.0	60.3	50.8	47.9
6	25	8	177	3	0.0	51.4	0.0	60.5	50.9	47.9
6	26	8	178	3	0.0	51.3	0.0	60.9	51.1	48.0
6	27	8	179	3	0.0	51.4	0.0	61.1	51.2	48.1
6	28	8	180	3	0.0	51.4	0.0	61.5	51.4	48.1
6	29	8	181	3	0.0	51.4	0.0	61.8	51.7	48.2
6	30	8	182	3	56.8	51.4	0.0	61.9	51.7	48.2
7	1	8	183	3	0.0	51.4	0.0	61.9	51.9	48.4
7	2	8	184	3	0.0	52.0	0.0	62.4	52.5	48.8
7	3	8	185	3	0.0	52.0	0.0	62.5	52.6	48.8
7	4	8	186	3	56.8	52.0	0.0	62.5	52.6	48.8
7	5	8	187	3	0.0	52.0	0.0	63.3	53.0	49.0
7	6	8	188	3	0.0	52.1	0.0	63.5	53.1	49.1
7	7	8	189	3	56.8	52.1	0.0	63.5	53.1	49.1
7	8	8	190	3	0.0	52.1	0.0	63.8	53.4	49.2
7	9	8	191	3	0.0	52.2	0.0	63.9	53.6	49.3
7	10	8	192	3	0.0	52.3	0.0	64.1	53.8	49.4
7	11	8	193	3	0.0	52.4	0.0	64.3	53.9	49.5

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T27	T28	T29	T30	T31	T32
7	12	8	194	3	0.0	52.3	0.0	64.4	54.0	49.5
7	13	8	195	3	56.8	52.3	0.0	64.6	54.0	49.5
7	14	8	196	3	0.0	0.0	0.0	0.0	0.0	0.0
7	15	8	197	3	0.0	52.4	0.0	65.0	54.5	49.8
7	16	8	198	3	0.0	52.5	0.0	65.1	54.7	49.8
7	17	8	199	3	0.0	52.5	0.0	65.4	54.8	49.9
7	18	8	200	3	0.0	52.6	0.0	65.6	55.0	50.1
7	19	8	201	3	0.0	52.8	0.0	66.2	55.2	50.2
7	20	8	202	3	0.0	52.5	0.0	66.4	55.3	50.2
7	21	8	203	3	0.0	52.7	0.0	66.7	55.4	50.2
7	22	8	204	3	0.0	52.8	0.0	67.1	55.6	50.3
7	23	8	205	3	0.0	52.7	0.0	67.4	55.7	50.4
7	24	8	206	3	0.0	53.1	0.0	67.6	55.9	50.5
7	25	8	207	3	0.0	53.1	0.0	67.8	56.1	50.5
7	26	8	208	3	0.0	53.1	0.0	68.0	56.3	50.6
7	27	8	209	3	0.0	53.1	0.0	68.3	56.5	50.7
7	28	8	210	3	0.0	53.1	0.0	68.5	56.6	50.7
7	29	8	211	3	0.0	53.1	0.0	68.8	56.8	50.8
7	30	8	212	3	0.0	53.1	0.0	69.0	56.9	50.9
7	31	8	213	3	0.0	53.1	0.0	69.1	57.1	51.0
8	1	8	214	3	0.0	53.2	0.0	69.2	57.1	51.1
8	2	8	215	3	0.0	53.1	0.0	69.2	53.2	51.1
8	3	8	216	3	0.0	53.1	0.0	69.4	53.5	51.2
8	4	8	217	3	0.0	53.2	0.0	69.5	57.4	51.2
8	5	8	218	3	0.0	53.3	0.0	69.6	57.6	51.3
8	6	8	219	3	0.0	53.4	0.0	69.7	57.8	51.4
8	7	8	220	3	0.0	53.7	0.0	0.0	58.2	51.6
8	8	8	221	3	0.0	53.6	0.0	0.0	58.4	51.8
8	9	8	222	3	0.0	53.6	0.0	0.0	58.6	51.9
8	10	8	223	3	0.0	53.6	0.0	0.0	58.7	51.9
8	11	8	224	3	0.0	53.7	0.0	0.0	58.8	51.9
8	12	8	225	3	0.0	53.6	0.0	0.0	59.0	52.1
8	13	8	226	3	0.0	53.6	0.0	0.0	59.1	52.1
8	14	8	227	3	0.0	53.7	0.0	71.5	59.3	52.2
8	15	8	228	3	0.0	53.7	0.0	71.5	59.5	52.3
8	16	8	229	3	0.0	53.7	0.0	71.5	59.5	52.3
8	17	8	230	3	0.0	53.8	0.0	71.5	59.6	52.5
8	18	8	231	3	0.0	53.8	0.0	71.4	59.8	52.5
8	19	8	232	3	0.0	53.8	0.0	71.4	59.9	52.6
8	20	8	233	3	0.0	53.9	0.0	71.4	60.1	52.7
8	21	8	234	3	0.0	54.0	0.0	71.7	60.2	52.8
8	22	8	235	3	0.0	54.0	0.0	71.7	60.2	52.8
8	23	8	236	3	0.0	54.1	0.0	71.8	60.4	52.9
8	24	8	237	3	0.0	54.1	0.0	72.0	60.5	53.0
8	26	8	239	3	0.0	54.2	0.0	72.4	60.7	53.2
8	27	8	240	3	0.0	54.1	0.0	72.5	60.8	53.2
8	28	8	241	3	0.0	54.1	0.0	72.5	61.0	53.3
8	29	8	242	3	0.0	54.1	0.0	72.5	61.1	53.4
8	30	8	243	3	0.0	54.2	0.0	72.4	61.1	53.5
8	31	8	244	3	0.0	54.1	0.0	72.2	61.2	53.5
9	1	8	245	3	0.0	54.2	0.0	71.9	61.4	53.6
9	2	8	246	3	0.0	54.3	0.0	71.8	61.5	53.7
9	3	8	247	3	0.0	54.3	0.0	71.4	61.6	53.8

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T27	T28	T29	T30	T31	T32
9	4	8	248	3	0.0	54.3	0.0	71.2	61.7	53.8
9	5	8	249	3	0.0	54.3	0.0	61.2	71.7	53.8
9	6	8	250	3	0.0	54.4	0.0	71.0	61.8	53.9
9	7	8	251	3	0.0	54.5	0.0	70.8	61.9	54.0
9	8	8	252	3	0.0	54.5	0.0	70.7	61.9	54.1
9	9	8	253	3	0.0	54.5	0.0	70.5	62.0	54.2
9	10	8	254	3	0.0	54.6	0.0	70.2	62.1	54.3
9	11	8	255	3	0.0	54.6	0.0	70.2	62.1	54.3
9	12	8	256	3	0.0	54.6	0.0	70.0	62.1	54.4
9	13	8	257	3	0.0	54.8	0.0	69.9	62.2	54.5
9	14	8	258	3	0.0	54.9	0.0	69.7	62.2	54.6
9	15	8	259	3	0.0	54.9	0.0	69.3	62.2	54.6
9	16	8	260	3	0.0	54.9	0.0	69.0	62.3	54.7
9	17	8	261	3	0.0	55.0	0.0	68.9	62.3	54.7
9	18	8	262	3	0.0	55.0	0.0	68.6	62.3	54.8
9	19	8	263	3	0.0	54.9	0.0	68.4	62.3	54.9
9	20	8	264	3	0.0	55.0	0.0	68.4	62.3	54.9
9	21	8	265	3	0.0	55.1	0.0	68.2	62.4	55.1
9	22	8	266	3	0.0	55.0	0.0	68.2	62.3	55.1
9	23	8	267	3	0.0	55.0	0.0	68.1	62.4	55.1
9	24	8	268	3	0.0	55.0	0.0	68.2	62.3	55.3
9	25	8	269	3	0.0	55.1	0.0	68.2	62.3	55.3
9	26	8	270	3	0.0	55.1	0.0	68.2	62.3	55.3
9	28	8	272	3	0.0	55.2	0.0	68.5	62.3	55.5
9	29	8	273	3	0.0	55.1	0.0	68.5	62.3	55.5
9	30	8	274	3	0.0	55.1	0.0	68.5	62.4	55.6
10	1	8	275	3	0.0	55.2	0.0	68.6	62.4	55.6
10	2	8	276	3	0.0	54.8	0.0	0.0	62.0	55.3
10	3	8	277	3	0.0	55.0	0.0	0.0	62.0	55.4
10	4	8	278	3	0.0	55.0	0.0	0.0	62.0	55.5
10	5	8	279	3	0.0	54.9	0.0	0.0	61.9	55.5
10	7	8	281	3	0.0	55.0	0.0	0.0	62.0	55.6
10	8	8	282	3	0.0	55.0	0.0	0.0	62.0	55.6
10	9	8	283	3	0.0	55.1	0.0	0.0	61.9	55.7
10	10	8	284	3	0.0	55.2	0.0	0.0	62.0	55.7
10	11	8	285	3	0.0	55.2	0.0	0.0	62.0	55.7
10	12	8	286	3	0.0	55.1	0.0	0.0	62.0	55.7
10	13	8	287	3	0.0	55.1	0.0	0.0	62.0	55.8
10	14	8	288	3	0.0	55.3	0.0	63.9	0.0	0.0
10	15	8	289	3	0.0	55.3	0.0	63.9	0.0	0.0
10	16	8	290	3	0.0	55.4	0.0	63.7	0.0	0.0
10	17	8	291	3	0.0	55.4	0.0	63.6	0.0	0.0
10	18	8	292	3	0.0	55.3	0.0	63.5	0.0	0.0
10	19	8	293	3	0.0	55.4	0.0	63.6	0.0	0.0
10	20	8	294	3	0.0	55.4	0.0	63.1	0.0	0.0
10	21	8	295	3	0.0	55.4	0.0	63.0	0.0	0.0
10	22	8	296	3	0.0	55.4	0.0	63.0	0.0	0.0
10	23	8	297	3	0.0	55.4	0.0	62.4	61.5	56.3
10	24	8	298	3	0.0	55.4	0.0	62.1	61.4	56.4
10	25	8	299	3	0.0	55.4	0.0	61.7	61.3	56.4
10	26	8	300	3	0.0	55.4	0.0	61.1	61.2	56.4
10	27	8	301	3	0.0	55.4	0.0	61.0	61.1	56.5
10	28	8	302	3	0.0	55.4	0.0	61.3	61.0	56.5

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY	NO	T27	T28	T29	T30	T31	T32
11	1	8	306	3	0.0	55.4	0.0	50.8	61.0	56.5
11	10	8	315	3	0.0	55.3	0.0	57.4	60.4	56.5
11	14	8	319	3	0.0	55.2	0.0	55.2	59.4	56.7
11	21	8	326	3	0.0	55.1	0.0	52.7	58.6	56.7
11	22	8	327	3	0.0	55.1	0.0	42.5	58.4	0.0
11	23	8	328	3	0.0	55.0	0.0	52.0	58.2	0.0
11	24	8	329	3	0.0	55.0	0.0	51.6	58.1	0.0
11	25	8	330	3	0.0	55.1	0.0	51.5	58.1	0.0
11	26	8	331	3	0.0	55.1	0.0	51.0	57.8	0.0
11	27	8	332	3	0.0	55.0	0.0	50.7	57.7	0.0
11	28	8	333	3	0.0	55.0	0.0	50.5	57.5	0.0
11	29	8	334	3	0.0	55.0	0.0	50.1	57.3	0.0
11	30	8	335	3	0.0	55.0	0.0	50.0	57.1	0.0
12	1	8	336	3	0.0	55.0	0.0	50.1	57.0	0.0
12	2	8	337	3	0.0	55.0	0.0	50.1	56.9	0.0
12	3	8	338	3	0.0	55.0	0.0	49.9	56.8	0.0
12	4	8	339	3	0.0	55.0	0.0	49.8	56.6	0.0
12	14	8	349	3	0.0	55.1	0.0	47.2	55.8	0.0
12	16	8	351	3	0.0	55.0	0.0	46.0	55.3	0.0
12	17	8	352	3	0.0	54.9	0.0	45.6	55.2	0.0
12	18	8	353	3	0.0	54.9	0.0	45.4	55.2	0.0
12	19	8	354	3	0.0	54.8	0.0	44.6	54.8	0.0
12	20	8	355	3	0.0	54.8	0.0	44.5	54.7	0.0
12	21	8	356	3	0.0	54.8	0.0	44.2	54.5	0.0
12	22	8	357	3	0.0	54.9	0.0	43.9	54.4	0.0
12	23	8	358	3	0.0	54.7	0.0	43.7	54.1	0.0
12	24	8	359	3	0.0	54.7	0.0	43.6	54.0	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T33	T34	T35	T36	T37	T38	T39
5	18	8	130	3	*****	52.2	47.9	46.9	49.6	52.2	*****
5	19	8	140	2	*****	*****	*****	*****	*****	*****	*****
5	20	8	141	3	*****	52.7	*****	46.9	49.6	52.8	*****
5	21	8	142	3	48.7	52.9	*****	46.9	49.6	53.0	*****
5	22	8	143	3	48.7	53.1	*****	46.9	49.6	53.1	*****
5	23	8	144	3	48.7	53.4	*****	47.0	49.6	53.3	*****
5	24	8	145	3	48.7	53.4	*****	47.0	49.6	53.4	*****
5	25	8	146	3	48.7	53.5	*****	47.1	49.6	53.4	*****
5	26	8	147	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	27	8	148	3	48.7	53.6	*****	47.1	49.6	53.5	*****
5	28	8	149	3	48.7	53.7	*****	47.2	49.6	53.6	*****
5	29	8	150	3	48.7	53.8	*****	47.2	49.6	53.6	*****
5	30	8	151	3	48.7	53.8	0.0	47.2	49.5	53.5	0.0
5	31	8	152	3	48.7	53.9	0.0	47.3	49.5	53.5	0.0
6	1	8	153	3	48.7	53.9	0.0	47.3	49.5	53.7	0.0
6	2	8	154	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	3	8	155	3	48.7	54.2	0.0	47.4	49.5	54.1	0.0
6	4	8	156	3	48.7	54.4	0.0	47.5	49.6	54.3	0.0
6	5	8	157	3	48.7	54.7	0.0	47.5	49.6	54.6	0.0
6	6	8	158	3	48.7	55.0	0.0	47.6	49.6	54.9	0.0
6	7	8	159	3	48.7	55.3	0.0	47.7	49.6	55.2	0.0
6	8	8	160	3	48.7	55.8	0.0	47.7	49.6	55.7	0.0
6	9	8	161	3	48.7	55.8	47.9	47.7	49.6	55.7	0.0
6	10	8	162	3	48.8	56.7	0.0	47.8	49.6	56.8	0.0
6	11	8	163	3	48.7	57.1	0.0	47.8	49.6	57.2	0.0
6	12	8	164	3	48.8	57.6	0.0	47.9	49.6	57.6	0.0
6	13	8	165	3	48.4	58.1	0.0	47.6	49.3	58.0	0.0
6	14	8	166	3	48.5	58.3	0.0	47.7	49.3	58.1	0.0
6	15	8	167	3	48.5	58.6	0.0	47.7	49.3	58.3	0.0
6	16	8	168	3	48.5	58.6	47.9	47.7	49.3	58.3	0.0
6	17	8	169	3	48.5	58.9	0.0	47.8	49.3	58.6	0.0
6	18	8	170	3	48.5	59.1	0.0	47.9	49.3	58.7	0.0
6	19	8	171	3	48.5	59.5	0.0	48.0	49.3	59.1	0.0
6	21	8	173	3	48.6	59.9	0.0	48.1	49.4	59.4	0.0
6	22	8	174	3	48.6	60.0	0.0	48.1	49.4	59.4	0.0
6	23	8	175	3	48.6	60.0	47.9	48.1	49.4	59.4	0.0
6	24	8	176	3	48.6	60.1	0.0	48.2	49.4	59.5	0.0
6	25	8	177	3	48.6	60.2	0.0	48.3	49.4	59.7	0.0
6	26	8	178	3	48.7	60.5	0.0	48.4	49.4	59.9	0.0
6	27	8	179	3	48.7	60.7	0.0	48.4	49.4	60.1	0.0
6	28	8	180	3	48.7	61.1	0.0	48.5	49.4	60.4	0.0
6	29	8	181	3	48.8	61.4	0.0	48.6	49.4	60.6	0.0
6	30	8	182	3	48.8	61.4	47.9	48.6	49.4	60.6	0.0
7	1	8	183	3	48.8	61.5	0.0	48.7	49.4	60.6	0.0
7	2	8	184	3	49.1	62.0	0.0	49.1	49.8	61.1	0.0
7	3	8	185	3	49.1	62.1	0.0	49.2	49.8	61.2	0.0
7	4	8	186	3	49.1	62.1	47.9	49.2	49.8	61.2	0.0
7	5	8	187	3	49.2	62.8	0.0	49.4	49.9	61.9	0.0
7	6	8	188	3	49.3	63.0	0.0	49.4	49.9	62.0	0.0
7	7	8	189	3	49.3	63.0	47.9	49.4	49.9	62.0	0.0
7	8	8	190	3	49.3	63.3	0.0	49.5	49.9	62.1	0.0
7	9	8	191	3	49.4	63.5	0.0	49.6	49.9	62.1	0.0
7	10	8	192	3	49.4	63.5	0.0	49.7	50.0	62.3	0.0
7	11	8	193	3	49.4	63.8	0.0	49.7	50.0	62.4	0.0

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T33	T34	T35	T36	T37	T38	T39
9	4	8	248	3	51.4	68.3	60.9	53.8	51.5	66.1	0.0
9	5	8	249	3	51.4	68.2	61.0	53.8	51.6	66.1	0.0
9	6	8	250	3	51.5	68.2	61.0	53.9	51.6	65.9	0.0
9	7	8	251	3	51.5	68.1	61.1	54.0	51.6	65.9	0.0
9	8	8	252	3	51.5	68.0	61.1	54.0	51.6	65.9	0.0
9	9	8	253	3	51.6	67.8	61.2	54.1	51.7	65.8	0.0
9	10	8	254	3	51.7	67.7	61.2	54.2	51.7	65.7	0.0
9	11	8	255	3	51.7	67.7	61.2	54.2	51.7	65.7	0.0
9	12	8	256	3	51.7	67.6	61.3	54.3	51.8	65.6	0.0
9	13	8	257	3	51.8	67.5	61.3	54.3	51.8	65.6	0.0
9	14	8	258	3	51.8	67.4	61.4	54.4	51.9	65.5	0.0
9	15	8	259	3	51.9	67.2	61.4	54.5	51.9	65.3	0.0
9	16	8	260	3	51.9	66.9	61.4	54.5	51.9	65.0	0.0
9	17	8	261	3	51.9	66.8	61.4	54.6	51.9	65.0	0.0
9	18	8	262	3	52.0	0.0	0.0	0.0	0.0	0.0	0.0
9	19	8	263	3	52.0	0.0	0.0	0.0	0.0	0.0	0.0
9	20	8	264	3	52.0	0.0	0.0	0.0	0.0	0.0	0.0
9	21	8	265	3	52.1	0.0	0.0	0.0	0.0	0.0	0.0
9	22	8	266	3	52.2	0.0	0.0	0.0	0.0	0.0	0.0
9	23	8	267	3	52.2	0.0	0.0	0.0	0.0	0.0	0.0
9	24	8	268	3	52.3	0.0	0.0	0.0	0.0	0.0	0.0
9	25	8	269	3	52.3	0.0	0.0	0.0	0.0	0.0	0.0
9	26	8	270	3	52.3	0.0	0.0	0.0	0.0	0.0	0.0
9	28	8	272	3	52.4	0.0	0.0	0.0	0.0	0.0	0.0
9	29	8	273	3	52.5	0.0	0.0	0.0	0.0	0.0	0.0
9	30	8	274	3	52.5	0.0	0.0	0.0	0.0	0.0	0.0
10	1	8	275	3	52.6	0.0	0.0	0.0	0.0	0.0	0.0
10	2	8	276	3	52.2	0.0	0.0	0.0	0.0	0.0	0.0
10	3	8	277	3	52.3	0.0	0.0	0.0	0.0	0.0	0.0
10	4	8	277	3	52.4	66.2	61.3	0.0	52.2	64.5	60.3
10	5	8	278	3	52.4	66.0	61.3	0.0	52.2	64.4	60.3
10	6	8	279	3	52.5	65.9	61.3	0.0	52.3	64.2	60.4
10	7	8	280	3	52.6	65.8	61.3	0.0	52.3	64.2	60.4
10	8	8	281	3	52.6	65.4	61.4	0.0	52.4	63.7	60.4
10	9	8	282	3	52.6	64.9	61.3	0.0	52.3	63.2	60.3
10	10	8	283	3	52.6	64.8	61.2	0.0	52.3	63.1	60.3
10	11	8	284	3	52.6	64.5	61.2	0.0	52.4	62.8	60.3
10	12	8	285	3	52.6	64.4	61.3	0.0	52.4	62.7	60.3
10	17	8	290	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	18	8	291	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	19	8	292	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	20	8	293	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	21	8	294	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	22	8	295	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	23	8	296	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	24	8	297	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	25	8	298	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	26	8	299	3	53.2	61.8	60.8	56.1	52.8	60.5	59.6
10	27	8	300	3	53.2	61.6	60.7	56.1	52.8	60.2	59.5
10	28	8	301	3	53.2	61.3	60.7	56.1	52.9	59.7	59.5
10	29	8	302	3	53.3	60.8	60.6	56.1	52.9	59.2	59.3
10	30	8	303	3	53.4	60.7	60.6	56.2	52.9	59.1	59.3
10	31	8	304	3	53.4	59.9	60.3	56.2	52.9	58.3	59.1

FIELD TEMPERATURE DATA

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T33	T34	T35	T36	T37	T38	T39
11	1	8	306	3	53.4	50.5	60.3	56.2	53.0	57.8	59.1
11	10	8	315	3	53.6	57.1	59.8	56.2	53.0	55.7	58.4
11	14	8	319	3	53.8	54.3	58.0	56.3	53.2	53.4	57.4
11	21	8	326	3	54.0	52.1	58.0	56.3	53.4	51.1	56.4
11	22	8	327	3	54.1	52.0	57.7	56.4	53.5	50.9	56.1
11	23	8	328	3	54.1	51.4	57.6	56.3	53.4	50.3	56.0
11	24	8	329	3	54.1	51.0	57.4	56.3	53.4	49.9	55.8
11	25	8	330	3	54.1	50.9	57.4	56.3	53.4	49.9	55.8
11	26	8	331	3	54.2	50.5	57.2	56.3	53.5	49.5	55.5
11	27	8	332	3	54.2	50.1	57.0	56.3	53.5	49.3	55.3
11	28	8	333	3	54.2	49.8	56.8	56.3	53.5	49.0	55.1
11	29	8	334	3	54.2	49.5	56.7	56.2	53.5	48.8	55.0
11	30	8	335	3	54.3	49.4	56.4	56.2	53.6	48.8	54.7
12	1	8	336	3	54.3	49.4	56.3	56.2	53.6	48.8	54.7
12	2	8	337	3	54.3	49.4	56.2	56.2	53.5	48.9	54.5
12	3	8	338	3	54.3	49.3	56.1	56.1	53.5	48.8	54.3
12	4	8	339	3	54.3	49.2	55.9	56.0	53.5	48.7	54.1
12	14	8	349	3	54.0	46.3	55.1	56.2	54.0	46.3	53.4
12	16	8	351	3	54.0	45.7	54.6	56.1	54.0	45.2	53.0
12	17	8	352	3	54.0	45.4	54.5	56.0	54.0	44.9	52.8
12	18	8	353	3	54.0	45.2	54.5	55.9	54.0	44.7	52.8
12	19	8	354	3	54.0	44.4	54.0	55.9	54.0	44.0	52.4
12	20	8	355	3	54.0	44.3	54.0	55.9	54.0	43.9	52.3
12	21	8	356	3	54.0	44.0	53.9	55.9	54.0	43.7	52.1
12	22	8	357	4	54.0	43.8	53.6	55.8	54.0	43.5	51.9
12	23	8	358	3	54.0	43.6	53.4	55.8	54.0	43.3	51.8
12	24	8	359	3	54.3	43.4	53.3	55.7	54.0	43.1	51.6

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T40	T41	T42	T43	T44	T45
4	5	8	96	4	0.0	0.0	47.1	43.7	42.3	0.0
4	8	8	99	4	0.0	0.0	47.1	43.7	42.3	0.0
4	23	8	114	4	0.0	0.0	50.0	0.0	47.1	0.0
4	29	8	120	4	0.0	0.0	50.5	0.0	47.9	0.0
5	4	8	125	4	0.0	0.0	50.4	0.0	48.1	0.0
5	6	8	127	4	0.0	0.0	51.2	0.0	48.2	0.0
5	7	8	128	4	0.0	0.0	51.4	0.0	48.2	0.0
5	8	8	129	4	0.0	0.0	51.5	0.0	48.2	0.0
5	9	8	130	4	0.0	0.0	51.5	0.0	48.3	0.0
5	10	8	131	4	0.0	0.0	51.9	0.0	48.4	0.0
5	11	8	132	4	0.0	0.0	0.0	0.0	0.0	0.0
5	13	8	134	4	0.0	0.0	52.8	0.0	48.5	0.0
5	14	8	135	4	0.0	0.0	53.1	0.0	48.5	0.0
5	20	8	141	4	48.2	51.1	54.5	0.0	48.8	0.0
5	21	8	142	4	48.3	51.1	54.7	0.0	48.8	0.0
5	22	8	143	4	48.3	51.1	54.8	0.0	48.8	0.0
5	23	8	144	4	48.9	51.1	55.0	0.0	48.9	0.0
5	24	8	145	4	48.9	51.1	55.0	0.0	48.9	0.0
5	25	8	146	4	49.0	51.1	55.0	0.0	49.0	0.0
5	26	8	147	4	49.0	51.1	55.0	43.7	49.0	0.0
5	27	8	148	4	49.0	51.1	55.1	0.0	49.1	0.0
5	28	8	149	4	49.0	51.1	55.3	0.0	49.1	0.0
5	29	8	150	4	49.1	51.0	55.2	0.0	49.2	0.0
5	30	8	151	4	49.1	51.0	55.1	0.0	49.2	0.0
5	31	8	152	4	49.1	51.0	55.0	0.0	49.3	0.0
6	1	8	153	4	49.2	51.0	55.3	0.0	49.4	0.0
6	2	8	154	4	49.2	51.0	55.3	43.7	49.4	0.0
6	3	8	155	4	49.2	51.0	55.9	0.0	49.4	0.0
6	4	8	156	4	49.3	51.0	56.3	0.0	49.5	0.0
6	5	8	157	4	49.3	51.0	56.7	0.0	49.5	0.0
6	6	8	158	4	49.3	51.0	57.1	0.0	49.6	0.0
6	7	8	159	4	49.4	50.9	57.6	0.0	49.7	0.0
6	8	8	160	4	49.4	51.0	58.3	0.0	49.7	0.0
6	9	8	161	4	49.4	51.0	58.3	43.7	49.7	0.0
6	10	8	162	4	49.5	51.0	59.0	0.0	49.8	0.0
6	11	8	163	4	49.5	50.9	59.9	0.0	49.8	0.0
6	12	8	164	4	49.6	51.0	60.5	0.0	49.9	0.0
6	13	8	165	4	49.6	50.8	60.8	0.0	49.6	0.0
6	14	8	166	4	49.6	50.8	60.9	0.0	49.7	0.0
6	15	8	167	4	49.6	50.8	61.0	0.0	49.7	0.0
6	16	8	168	4	49.6	50.8	61.0	43.7	49.7	0.0
6	17	8	169	4	49.6	50.8	61.5	0.0	49.8	0.0
6	18	8	170	4	49.6	50.8	61.5	0.0	49.9	0.0
6	19	8	171	4	49.6	50.8	62.1	0.0	50.0	0.0
6	20	8	172	4	49.6	50.8	62.1	0.0	50.0	0.0
6	21	8	173	4	49.6	50.8	62.3	0.0	50.1	0.0
6	22	8	174	4	49.7	50.8	62.3	0.0	50.2	0.0
6	23	8	175	4	49.7	50.8	62.3	43.7	50.2	0.0
6	24	8	176	4	49.7	50.8	62.8	0.0	50.3	0.0
6	25	8	177	4	49.7	50.8	63.0	0.0	50.4	0.0
6	26	8	178	4	49.8	50.8	63.6	0.0	50.5	0.0
6	27	8	179	4	49.8	50.8	63.9	0.0	50.5	0.0
6	28	8	180	4	49.8	50.8	64.4	0.0	50.6	0.0
6	29	8	181	4	50.0	50.8	64.4	0.0	50.7	0.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T40	T41	T42	T43	T44	T45
6	30	8	182	4	0.0	0.0	0.0	0.0	0.0	0.0
7	1	8	183	4	50.0	50.6	60.2	0.0	50.8	0.0
7	2	8	184	4	50.5	51.0	64.9	0.0	51.3	0.0
7	3	8	185	4	50.5	51.0	65.3	0.0	51.3	0.0
7	4	8	186	4	50.5	51.0	65.3	43.7	51.3	0.0
7	5	8	187	4	50.6	51.0	66.3	0.0	51.5	0.0
7	6	8	188	4	50.6	51.0	66.3	0.0	51.5	0.0
7	7	8	189	4	50.6	51.0	66.3	43.7	51.6	0.0
7	8	8	190	4	50.8	51.0	66.5	0.0	51.7	0.0
7	9	8	191	4	50.9	51.1	66.6	0.0	51.8	0.0
7	10	8	192	4	50.9	51.0	67.0	0.0	51.9	0.0
7	11	8	193	4	50.9	51.1	67.2	0.0	52.0	0.0
7	12	8	194	4	51.0	51.1	67.4	0.0	52.0	0.0
7	13	8	195	4	51.0	51.1	67.4	43.7	52.0	0.0
7	14	8	196	4	51.0	51.1	67.4	43.7	52.0	0.0
7	15	8	197	4	51.2	51.1	68.2	0.0	52.3	0.0
7	16	8	198	4	51.2	51.1	68.4	0.0	52.3	0.0
7	17	8	199	4	51.3	51.1	68.7	0.0	52.4	0.0
7	18	8	200	4	51.4	51.2	69.1	58.4	52.5	60.8
7	19	8	201	4	51.5	51.1	69.6	58.7	52.6	61.1
7	20	8	202	4	51.5	51.2	69.8	59.0	52.7	61.2
7	21	8	203	4	51.5	51.1	70.0	59.0	52.7	61.3
7	22	8	204	4	51.6	51.2	70.1	59.2	52.8	61.5
7	23	8	205	4	51.7	51.2	70.1	59.1	52.9	61.8
7	24	8	206	4	51.7	51.2	70.1	59.2	53.0	62.0
7	25	8	207	4	51.7	51.2	70.2	59.2	53.1	62.2
7	26	8	208	4	51.8	51.2	70.2	59.3	53.2	62.4
7	27	8	209	4	51.8	51.3	70.3	59.5	53.3	62.6
7	28	8	210	4	51.9	51.3	70.4	59.3	53.3	62.8
7	29	8	211	4	52.0	51.3	70.5	60.1	53.4	62.9
7	30	8	212	4	52.1	51.3	70.6	60.4	53.5	63.0
7	30	8	212	4	52.1	51.4	70.6	60.2	53.5	63.0
7	31	8	213	4	52.2	51.4	70.5	60.4	53.6	63.1
8	1	8	214	4	52.0	51.4	70.6	60.4	53.7	63.1
8	2	8	215	4	52.2	51.4	70.5	60.5	53.7	63.6
8	3	8	216	4	52.3	51.4	70.6	61.0	53.8	63.3
8	4	8	217	4	52.7	51.4	70.6	60.7	53.8	63.3
8	5	8	218	4	52.3	51.4	70.7	61.0	53.9	63.4
8	6	8	219	4	52.4	51.5	70.9	61.1	50.0	63.6
8	7	8	220	4	52.6	51.5	71.3	0.0	54.3	63.9
8	8	8	221	4	52.7	51.6	71.5	0.0	54.5	64.1
8	9	8	222	4	52.8	51.6	71.7	0.0	54.6	64.3
8	10	8	223	4	52.8	51.6	71.8	0.0	54.6	64.3
8	11	8	224	4	52.9	51.6	72.0	54.7	54.4	67.9
8	12	8	225	4	53.0	51.7	72.2	54.9	54.6	68.2
8	13	8	226	4	53.0	51.7	72.2	0.0	54.9	64.7
8	14	8	227	4	53.1	51.7	72.0	62.2	55.0	64.8
8	15	8	228	4	53.2	51.7	71.9	62.3	55.1	64.9
8	16	8	229	4	53.2	51.8	71.9	62.4	55.1	65.0
8	17	8	230	4	53.2	51.8	71.8	62.5	55.3	65.1
8	18	8	231	4	53.3	51.8	71.7	62.6	55.4	65.1
8	19	8	232	4	53.4	51.8	71.8	62.7	55.5	65.2
8	20	8	233	4	53.5	51.9	71.9	62.8	55.6	65.3

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T40	T41	T42	T43	T44	T45
8	21	8	234	4	53.5	51.9	71.9	62.9	55.6	65.3
8	22	8	235	4	53.6	51.9	71.9	62.9	55.7	65.4
8	23	8	236	4	53.6	51.9	72.2	63.0	55.8	65.4
8	24	8	237	4	53.7	51.9	72.4	63.1	55.8	65.5
8	25	8	239	4	53.8	52.0	72.3	63.4	56.0	63.6
8	27	8	240	4	53.9	52.0	72.9	63.5	56.1	65.8
8	28	8	241	4	54.0	0.0	72.7	63.5	56.2	65.8
8	29	8	242	4	54.1	0.0	72.2	63.6	56.3	65.9
8	30	8	243	4	54.1	0.0	72.2	63.6	56.3	66.0
8	31	8	244	4	54.1	0.0	71.7	63.7	56.4	66.0
9	1	8	245	4	54.2	0.0	71.4	63.7	56.4	66.0
9	2	8	246	4	54.3	0.0	71.0	63.3	56.5	46.1
9	3	8	247	4	54.3	0.0	70.8	64.0	56.6	66.0
9	4	8	248	4	54.4	0.0	70.5	64.0	56.7	66.0
9	5	8	249	4	54.4	0.0	70.5	64.0	56.7	66.0
9	6	8	250	4	54.5	0.0	70.4	64.0	56.8	65.9
9	7	8	251	4	54.5	0.0	70.2	64.1	56.9	65.9
9	8	8	252	4	54.6	0.0	70.0	64.1	56.9	65.8
9	9	8	253	4	54.6	0.0	69.8	64.1	57.0	65.8
9	10	8	254	4	54.7	0.0	69.6	64.1	57.1	65.7
9	11	8	255	4	54.7	0.0	69.6	64.1	57.1	65.7
9	12	8	256	4	54.8	0.0	69.3	64.1	57.2	65.7
9	13	8	257	4	54.9	0.0	69.2	0.0	57.3	65.6
9	14	8	258	4	54.9	0.0	68.9	0.0	57.3	65.5
9	15	8	259	4	55.0	0.0	68.5	0.0	57.4	65.5
9	16	8	260	4	55.0	0.0	68.1	0.0	57.4	65.4
9	17	8	261	4	55.0	0.0	68.1	0.0	57.5	65.4
9	18	8	262	4	0.0	0.0	67.8	0.0	57.6	65.3
9	19	8	263	4	0.0	0.0	67.6	0.0	57.6	65.2
9	20	8	264	4	0.0	0.0	67.6	0.0	57.6	65.2
9	21	8	265	4	0.0	0.0	67.3	0.0	57.7	65.0
9	22	8	266	4	0.0	0.0	67.2	0.0	57.7	64.9
9	23	8	267	4	0.0	0.0	67.2	0.0	57.8	64.9
9	24	8	268	4	0.0	0.0	67.3	0.0	57.8	64.8
9	25	8	269	4	0.0	0.0	67.4	0.0	57.8	64.8
9	26	8	270	4	0.0	0.0	67.6	0.0	57.9	64.7
9	28	8	272	4	0.0	0.0	68.0	0.0	58.0	64.6
9	29	8	273	4	0.0	0.0	68.0	0.0	58.0	64.6
9	30	8	274	4	0.0	0.0	67.8	0.0	58.0	64.6
10	1	8	275	4	0.0	0.0	67.7	0.0	58.1	64.6
10	2	8	276	4	0.0	0.0	67.1	0.0	57.7	64.3
10	3	8	277	4	0.0	0.0	66.9	0.0	58.9	64.3
10	4	8	278	4	55.0	52.7	66.7	0.0	0.0	64.2
10	5	8	279	4	55.5	52.7	66.5	0.0	57.9	64.1
10	6	8	280	4	55.6	52.8	66.1	0.0	57.9	64.1
10	7	8	281	4	55.6	52.8	66.0	0.0	57.9	64.0
10	8	8	282	4	55.7	52.9	65.3	0.0	58.0	64.0
10	9	8	283	4	55.7	52.8	64.7	0.0	57.9	63.9
10	10	8	284	4	55.4	52.8	44.6	57.9	63.8	62.9
10	11	8	285	4	55.9	52.8	64.2	57.9	63.7	62.6
10	12	8	286	4	55.7	52.9	64.1	58.0	63.7	62.6
10	26	8	300	4	55.1	53.2	61.6	62.0	58.2	62.1
10	27	8	301	4	55.1	53.2	61.2	62.0	58.2	62.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T40	T41	T42	T43	T44	T45
10	28	8	302	4	56.1	53.3	60.7	61.9	58.2	61.8
10	29	8	303	4	56.1	53.3	59.9	61.7	58.2	61.6
10	30	8	304	4	56.2	53.4	59.9	61.6	58.2	61.6
10	31	8	305	4	56.2	53.4	58.8	61.5	58.2	61.3
11	1	8	306	4	56.2	53.4	58.2	61.4	58.1	61.2
11	21	8	326	4	56.1	53.7	51.0	57.7	47.7	46.7
11	22	8	327	4	56.1	53.8	50.6	47.5	47.5	56.5
11	23	8	328	4	56.0	53.7	49.9	57.3	57.5	56.2
11	24	8	329	4	55.9	53.8	49.4	57.3	57.4	56.0
11	25	8	330	4	55.9	53.8	49.4	57.2	57.4	56.0
11	26	8	331	4	55.8	53.8	49.1	56.9	57.3	55.7
11	27	8	332	4	55.8	53.8	49.0	56.7	57.3	55.4
11	28	8	333	4	55.8	53.8	48.7	56.6	57.2	55.1
11	29	8	334	4	55.8	53.8	48.6	56.3	57.2	54.8
11	30	8	335	4	55.7	53.8	48.8	56.1	57.0	54.6
12	1	8	336	4	55.7	53.9	48.8	56.1	57.0	54.5
12	2	8	337	4	55.7	53.9	48.9	55.8	57.0	54.3
12	3	8	338	4	55.7	53.8	48.7	55.7	56.9	54.1
12	4	8	339	4	55.7	53.9	48.5	45.4	56.9	53.9
12	14	8	349	4	55.7	54.3	45.1	54.2	56.7	52.8
12	15	8	350	4	55.6	54.4	43.9	53.9	56.5	52.1
12	17	8	352	4	55.6	54.4	43.5	53.7	56.5	51.8
12	18	8	353	4	55.5	54.3	43.3	53.7	56.5	51.7
12	19	8	354	4	55.4	54.3	42.6	53.2	56.3	51.0
12	20	8	355	4	55.4	54.3	42.6	53.0	56.3	51.0
12	21	8	356	4	55.4	54.3	42.4	52.9	56.2	50.7
12	22	8	357	4	55.3	54.3	42.1	52.6	56.1	50.4
12	23	8	358	4	55.2	54.3	42.0	52.4	56.1	50.2
12	24	8	359	4	55.2	54.3	42.0	52.2	56.0	50.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51
4	5	8	95	4	0.0	0.0	0.0	0.0	0.0	52.0
4	8	8	99	4	0.0	0.0	0.0	0.0	0.0	55.0
4	23	8	114	4	0.0	0.0	0.0	0.0	0.0	51.0
4	29	8	120	4	0.0	0.0	0.0	0.0	0.0	51.0
5	4	8	125	4	0.0	0.0	0.0	50.9	0.0	64.0
5	6	8	127	4	0.0	0.0	0.0	50.9	0.0	52.0
5	7	8	128	4	0.0	0.0	0.0	50.8	0.0	51.0
5	8	8	129	4	0.0	0.0	0.0	50.8	0.0	55.0
5	9	8	130	4	0.0	0.0	0.0	50.8	0.0	62.0
5	10	8	131	4	0.0	0.0	0.0	50.8	0.0	67.0
5	11	8	132	4	0.0	0.0	0.0	0.0	0.0	61.0
5	13	8	134	4	50.2	47.6	48.4	50.7	0.0	56.0
5	14	8	135	4	50.2	47.6	48.3	50.7	0.0	55.0
5	20	8	141	4	51.7	48.3	48.5	50.5	0.0	55.0
5	21	8	142	4	51.9	48.3	48.5	50.6	0.0	57.0
5	22	8	143	4	52.1	48.5	48.6	50.6	0.0	60.0
5	23	8	144	4	52.1	48.7	48.7	50.6	0.0	56.0
5	24	8	145	4	52.4	48.7	48.7	50.6	0.0	57.0
5	25	8	146	4	52.4	48.3	48.7	50.6	0.0	63.0
5	26	8	147	4	52.4	48.8	48.7	50.6	0.0	61.0
5	27	8	148	4	52.6	49.1	48.3	50.6	0.0	53.0
5	28	8	149	4	52.7	49.2	48.8	50.6	0.0	56.0
5	29	8	150	4	52.8	49.3	48.9	50.6	0.0	66.0
5	30	8	151	4	52.9	49.3	48.3	50.6	0.0	65.0
5	31	8	152	4	53.2	49.5	49.0	50.6	0.0	63.0
6	1	8	153	4	53.0	49.6	49.0	50.6	0.0	0.0
6	2	8	154	4	53.0	49.6	49.0	50.6	0.0	63.0
6	3	8	155	4	53.4	49.8	49.1	50.6	0.0	62.0
6	4	8	156	4	53.5	50.0	49.2	50.6	0.0	70.0
6	5	8	157	4	53.8	50.1	49.2	50.6	0.0	69.0
6	6	8	158	4	54.2	50.1	49.2	50.6	0.0	66.0
6	7	8	159	4	54.5	50.3	49.3	50.6	0.0	70.0
6	9	8	160	4	55.0	50.4	49.4	50.6	0.0	75.0
6	9	8	161	4	55.0	50.4	49.4	50.6	0.0	73.0
6	10	8	162	4	55.0	50.6	49.4	50.6	0.0	72.0
6	11	8	163	4	56.2	50.8	49.5	50.6	0.0	69.0
6	12	8	164	4	56.7	50.9	49.5	50.6	0.0	73.0
6	13	8	165	4	57.0	50.8	49.2	50.3	0.0	68.0
6	14	8	166	4	57.2	50.9	49.3	50.3	0.0	66.0
6	15	8	167	4	57.4	51.0	49.3	50.3	0.0	72.0
6	16	8	168	4	57.4	51.0	49.3	50.3	0.0	76.0
6	17	8	169	4	57.7	51.4	49.4	50.3	0.0	67.0
6	18	8	170	4	57.4	51.5	49.5	50.3	0.0	67.0
6	19	8	171	4	58.4	51.9	49.6	50.3	0.0	70.0
6	20	8	172	4	58.5	51.9	49.6	50.3	0.0	67.0
6	21	8	173	4	58.9	52.2	49.7	50.4	0.0	63.0
6	22	8	174	4	58.9	52.3	49.8	50.3	0.0	75.0
6	23	8	175	4	58.9	52.3	49.8	50.3	0.0	77.0
6	24	8	176	4	59.1	52.7	49.9	50.4	0.0	75.0
6	25	8	177	4	59.2	52.8	50.0	50.4	0.0	81.0
6	26	8	178	4	59.5	53.0	50.1	50.4	82.2	78.0
6	27	8	179	4	59.9	53.1	50.1	50.4	69.1	64.0
6	28	8	180	4	60.1	53.3	50.2	50.4	65.1	70.0
6	29	8	181	4	60.4	53.5	50.3	50.4	75.0	72.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51
6	30	8	182	4	0.0	0.0	0.0	0.0	0.0	83.0
7	1	8	183	4	60.6	53.7	50.4	50.5	72.3	84.0
7	2	8	184	4	61.1	54.3	50.9	50.8	89.9	81.0
7	3	8	185	4	61.3	54.4	50.9	50.8	74.9	75.0
7	4	8	186	4	61.3	54.4	50.9	50.8	74.9	71.0
7	5	8	187	4	62.1	54.8	51.1	50.9	83.5	72.0
7	6	8	188	4	62.2	54.9	51.2	50.9	69.9	71.0
7	7	8	189	4	62.2	54.9	51.2	50.9	69.9	69.0
7	8	8	190	4	62.6	55.2	51.4	51.0	79.6	76.0
7	9	8	191	4	62.7	55.4	0.0	51.0	72.6	75.0
7	10	8	192	4	62.9	55.6	51.5	51.0	84.4	78.0
7	11	8	193	4	63.0	55.7	51.6	51.0	78.6	74.0
7	12	8	194	4	63.1	55.9	51.7	51.1	71.3	73.0
7	13	8	195	4	63.1	55.9	51.7	51.1	71.3	76.0
7	14	8	196	4	63.1	55.9	51.7	51.1	71.3	77.0
7	15	8	197	4	63.7	56.3	52.0	51.1	82.7	80.0
7	16	8	198	4	63.8	56.4	52.0	51.1	76.2	82.0
7	17	8	199	4	64.1	56.6	52.1	51.2	77.9	85.0
7	18	8	200	4	64.4	56.8	52.3	51.3	91.4	83.0
7	19	8	201	4	64.8	57.0	52.4	51.2	78.7	82.0
7	20	8	202	4	64.8	57.0	52.4	51.2	80.1	76.0
7	21	8	203	4	65.1	57.1	52.4	51.3	70.3	74.0
7	22	8	204	4	65.4	57.3	52.6	51.3	73.2	76.0
7	23	8	205	4	65.5	57.5	52.6	51.4	83.0	82.0
7	24	8	206	4	65.6	57.6	52.7	51.4	79.3	84.0
7	25	8	207	4	65.7	57.8	52.9	51.4	91.4	79.0
7	26	8	208	4	65.9	57.9	53.0	51.4	78.7	77.0
7	27	8	209	4	65.9	58.1	53.1	51.5	80.1	74.0
7	28	8	210	4	66.1	58.2	53.1	51.5	70.3	79.0
7	29	8	211	4	66.2	58.4	53.2	51.5	73.2	71.0
7	30	8	212	4	66.3	58.5	53.3	51.6	72.5	72.0
7	30	8	212	4	66.3	58.5	53.3	51.5	83.9	0.0
7	31	8	213	4	66.4	58.7	53.4	51.6	32.1	0.0
8	1	8	214	4	66.5	58.8	53.4	51.7	78.5	0.0
8	2	8	215	4	66.3	58.8	53.4	51.6	83.7	0.0
8	3	8	16	4	66.4	59.0	53.5	51.7	82.6	0.0
8	4	8	217	4	66.5	59.0	53.6	51.7	79.9	0.0
8	5	8	218	4	66.5	59.1	53.6	51.7	80.4	0.0
8	6	8	219	4	66.7	59.3	53.8	51.8	78.9	0.0
8	7	8	220	4	67.2	59.7	54.0	51.9	77.0	0.0
8	8	8	221	4	67.5	59.9	54.2	52.0	90.6	0.0
8	9	8	222	4	67.7	60.0	54.4	52.0	86.2	0.0
8	10	8	223	4	67.7	60.0	54.4	52.0	82.8	0.0
8	11	8	224	4	60.2	54.5	52.1	77.5	68.9	0.0
8	12	8	225	4	60.4	54.6	52.1	86.7	0.0	0.0
8	13	8	226	4	63.4	60.5	54.7	52.2	77.5	0.0
8	14	8	227	4	68.2	60.6	54.8	52.2	83.3	0.0
8	15	8	228	4	68.2	60.7	54.9	52.3	84.4	0.0
8	16	8	229	4	68.2	60.8	54.9	52.3	78.1	0.0
8	17	8	230	4	68.2	60.9	55.1	52.3	76.4	0.0
8	18	8	231	4	68.1	61.1	55.1	52.4	76.6	0.0
8	19	8	232	4	68.2	61.2	55.2	52.5	79.5	0.0
8	20	8	233	4	68.2	61.2	55.3	52.5	87.8	0.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51
8	21	8	234	4	68.3	61.4	55.4	52.5	92.0	0.0
8	22	8	235	4	68.3	61.4	55.5	52.5	82.7	0.0
8	23	8	236	4	68.4	61.5	55.6	52.6	82.3	0.0
8	24	8	237	4	68.6	61.5	55.7	52.6	80.4	0.0
8	25	8	238	4	68.8	61.8	55.8	52.7	75.4	0.0
8	27	8	240	4	69.0	61.9	55.9	52.7	75.9	0.0
8	28	8	241	4	68.0	62.0	56.0	52.8	79.3	0.0
8	29	8	242	4	68.8	62.1	56.1	52.9	79.0	0.0
8	30	8	243	4	68.8	62.1	56.1	52.9	73.7	0.0
8	31	8	244	4	68.5	62.2	56.2	52.9	69.8	0.0
9	1	8	245	4	68.2	62.3	56.3	53.0	69.0	0.0
9	2	8	246	4	68.0	62.4	56.4	53.0	74.8	0.0
9	3	8	247	4	67.7	62.4	56.5	53.1	79.2	0.0
9	4	8	248	4	67.5	62.5	56.5	53.1	79.1	0.0
9	5	8	249	4	67.5	62.5	56.5	53.1	74.9	0.0
9	6	8	250	4	67.4	62.5	56.6	53.2	73.8	0.0
9	7	8	251	4	67.3	62.5	56.7	53.2	67.6	0.0
9	8	8	252	4	63.3	62.5	56.8	53.3	72.5	0.0
9	9	8	253	4	67.2	62.5	56.9	53.3	77.2	0.0
9	10	8	254	4	67.0	62.6	56.9	53.3	73.4	0.0
9	11	8	255	4	67.0	62.6	57.0	53.4	68.3	0.0
9	12	8	256	4	66.8	62.6	57.0	53.5	47.7	0.0
9	13	8	257	4	66.6	62.6	57.1	53.5	61.7	0.0
9	14	8	258	4	66.7	62.6	57.2	53.5	61.9	0.0
9	15	8	259	4	66.6	62.6	57.2	53.6	67.9	0.0
9	16	8	260	4	66.3	62.6	57.3	53.6	73.4	0.0
9	17	8	261	4	66.3	62.6	57.3	53.7	69.4	0.0
9	18	8	262	4	66.0	62.6	57.4	53.7	75.1	0.0
9	19	8	263	4	65.9	62.6	57.4	53.7	65.6	0.0
9	20	8	264	4	65.8	62.6	57.4	53.8	72.4	0.0
9	21	8	265	4	65.5	62.6	57.5	53.8	74.3	0.0
9	22	8	266	4	65.4	62.6	57.6	53.9	72.7	0.0
9	23	8	267	4	65.2	62.6	57.6	53.9	80.7	0.0
9	24	8	268	4	65.2	62.6	57.7	54.0	78.7	0.0
9	25	8	269	4	65.2	62.6	57.7	54.0	74.4	0.0
9	26	8	270	4	65.2	62.4	57.7	54.0	73.8	0.0
9	28	8	272	4	65.3	62.4	57.8	54.1	70.7	0.0
9	29	8	273	4	65.3	62.5	57.8	54.2	73.2	0.0
9	30	8	274	4	65.2	62.3	57.9	54.2	70.1	0.0
10	1	8	275	4	65.2	62.3	57.9	54.3	66.0	0.0
10	2	8	276	4	64.7	61.9	57.6	53.9	66.6	0.0
10	3	8	277	4	64.5	61.9	57.6	54.0	66.5	0.0
10	4	8	277	4	64.3	61.9	57.7	54.0	63.5	0.0
10	5	8	278	4	64.2	61.9	57.7	54.1	65.5	0.0
10	6	8	279	4	64.0	61.9	57.8	54.1	62.7	0.0
10	7	8	280	4	64.0	61.9	57.8	54.1	60.5	0.0
10	8	8	281	4	63.7	61.9	57.8	54.2	56.8	0.0
10	9	8	282	4	63.6	61.7	57.8	54.2	57.5	0.0
10	10	8	284	4	61.7	57.8	54.2	50.5	0.0	0.0
10	11	8	285	4	61.6	57.8	54.3	51.7	0.0	0.0
10	12	8	286	4	61.6	57.8	54.3	52.9	0.0	0.0
10	26	8	300	4	61.1	60.7	57.9	54.7	49.9	0.0
10	27	8	301	4	60.8	60.5	57.9	54.8	48.8	0.0

DEGREES FAHRENHEIT

MO	DA	YR	DAY NO		T46	T47	T48	T49	T50	T51
10	28	8	302	4	60.4	60.4	57.9	54.8	54.9	0.0
10	29	8	303	4	60.0	60.4	57.9	54.8	47.1	0.0
10	30	8	304	4	60.0	60.4	57.9	54.8	54.4	0.0
10	31	8	305	4	55.9	60.2	57.9	54.8	48.7	0.0
11	1	8	306	4	58.9	60.1	57.9	54.9	43.9	0.0
11	21	8	326	4	52.2	57.1	57.4	55.2	25.7	0.0
11	22	8	327	4	52.1	56.8	57.2	45.2	35.7	0.0
11	23	8	328	4	51.6	56.6	57.2	55.2	41.2	0.0
11	24	8	329	4	51.2	56.4	57.2	55.2	45.7	0.0
11	25	8	330	4	51.1	56.4	57.2	55.2	44.7	0.0
11	26	8	331	4	50.8	56.1	57.0	45.2	38.1	0.0
11	27	8	332	4	50.5	55.9	57.0	55.1	38.9	0.0
11	28	8	333	4	50.3	55.7	56.9	55.1	42.2	0.0
11	29	8	334	4	50.0	55.5	56.9	55.2	50.5	0.0
11	30	8	335	4	50.0	55.2	56.8	55.3	42.1	0.0
12	1	8	336	4	50.0	55.2	56.8	55.3	41.2	0.0
12	2	8	337	4	50.0	55.0	56.7	55.3	40.7	0.0
12	3	8	338	4	49.8	54.9	56.7	55.2	39.6	0.0
12	4	8	339	4	49.6	54.7	56.6	55.2	46.6	0.0
12	14	8	349	4	47.3	53.6	56.4	55.6	31.4	0.0
12	16	8	351	4	45.0	53.1	56.2	55.6	32.2	0.0
12	17	8	352	4	45.7	52.9	56.1	55.6	32.1	0.0
12	18	8	353	4	45.6	52.9	56.1	55.6	31.9	0.0
12	19	8	354	4	44.7	52.4	55.9	55.6	32.0	0.0
12	20	8	355	4	44.7	52.3	55.8	55.6	32.0	0.0
12	21	8	356	4	44.4	52.1	55.8	55.6	32.1	0.0
12	22	8	357	4	44.1	51.8	55.7	55.6	32.1	0.0
12	23	8	358	4	43.8	51.6	55.6	55.6	32.1	0.0
12	24	8	359	4	43.7	51.4	55.6	55.6	32.1	0.0

SECTION 2-B

FIELD GAS COMPOSITION

Notes:

1. Nomenclature; same as in Section 1-B.
2. All results in percent of total gas.

FIELD GAS ANALYSIS - 130 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	A1	0.4	18.7	80.8	0.0	0.0	0.0
6	4	8	155	A1	1.2	15.5	83.3	0.0	0.0	0.0
6	25	8	177	A1	0.5	16.0	83.5	0.0	0.0	0.0
7	18	8	200	A1	5.6	15.0	79.4	0.0	0.0	0.0
8	14	8	227	A1	5.4	17.2	77.4	0.0	0.0	0.0
10	10	8	284	A1	3.8	16.7	79.5	0.0	0.0	0.0
11	14	8	319	A1	3.4	15.9	80.7	0.0	0.0	0.0
12	5	8	340	A1	3.4	17.0	79.5	0.0	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	A2	0.8	16.3	82.8	0.0	0.0	0.0
6	4	8	156	A2	1.2	14.3	84.5	0.0	0.0	0.0
6	25	8	177	A2	2.4	14.5	83.1	0.0	0.0	0.0
7	18	8	200	A2	8.8	13.7	77.4	0.0	0.0	0.0
8	14	8	227	A2	8.5	12.2	79.3	0.0	0.0	0.0
10	10	8	284	A2	7.6	14.7	77.6	0.0	0.0	0.0
11	14	8	319	A2	7.1	14.3	78.7	0.0	0.0	0.0
12	5	8	340	A2	5.9	15.1	79.0	0.0	0.0	0.0

FIELD GAS ANALYSIS - 132 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	A3	0.6	16.4	83.0	0.0	0.0	0.0
6	4	8	156	A3	0.1	14.8	84.5	0.0	0.0	0.0
6	25	8	177	A3	2.2	12.7	85.2	0.0	0.0	0.0
7	18	8	200	A3	8.7	10.0	81.2	0.0	0.0	0.0
8	14	8	227	A3	12.0	9.9	77.3	0.0	0.0	0.0
10	10	8	284	A3	12.4	12.2	73.4	0.3	0.0	0.0
11	14	8	319	A3	12.1	12.3	75.5	0.0	0.0	0.0
12	5	8	340	A3	9.0	13.0	78.0	0.1	0.0	0.0

FIELD GAS ANALYSIS - 133 -

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150		A4	0.5	16.8	82.7	0.0	0.0	0.0
6	4	8	156		A4	0.5	16.6	82.8	0.0	0.0	0.0
6	25	8	177		A4	1.9	13.8	84.4	0.0	0.0	0.0
7	18	8	200		A4	4.1	11.3	84.6	0.0	0.0	0.0
8	14	8	227		A4	6.6	12.7	80.7	0.0	0.0	0.0
10	10	8	284		A4	11.9	11.8	76.3	0.0	0.0	0.0
11	14	8	319		A4	11.5	11.1	77.4	0.0	0.0	0.0
12	5	8	340		A4	8.7	12.3	78.0	0.1	0.0	0.0

FIELD GAS ANALYSIS - 134 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	01	1.2	17.5	81.4	0.0	0.0	0.0
6	4	8	156	01	1.7	18.8	77.4	0.0	0.0	0.0
6	25	8	177	01	2.1	14.9	83.0	0.0	0.0	0.0
7	18	8	200	01	4.1	14.4	81.4	0.0	0.0	0.0
8	14	8	227	01	4.5	14.8	80.7	0.0	0.0	0.0
10	10	8	284	01	0.0	0.0	0.0	0.0	0.0	0.0
11	14	8	319	01	0.0	0.0	0.0	0.0	0.0	0.0
12	5	8	340	01	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS - 135 -

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8		150	02	1.0	16.8	82.2	0.0	0.0	0.0
6	4	8		156	02	1.1	16.0	82.9	0.0	0.0	0.0
6	25	8		177	02	2.2	19.4	78.4	0.0	0.0	0.0
7	18	8		200	02	3.3	16.0	80.7	0.0	0.0	0.0
8	14	8		227	02	7.7	14.7	77.6	0.0	0.0	0.0
10	10	8		284	02	0.0	0.0	0.0	0.0	0.0	0.0
11	14	8		319	02	8.9	14.1	77.0	0.0	0.0	0.0
12	5	8		340	02	7.1	14.2	78.6	0.1	0.0	0.0

FIELD GAS ANALYSIS - 136 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	B3	1.6	14.8	83.6	0.0	0.0	0.0
6	4	8	156	B3	3.0	12.9	84.1	0.0	0.0	0.0
6	25	8	177	B3	3.1	10.5	86.4	0.0	0.0	0.0
7	18	8	200	B3	14.3	9.6	76.1	0.0	0.0	0.0
8	14	8	227	B3	16.4	9.6	74.0	0.0	0.0	0.0
10	10	8	284	B3	17.5	11.7	70.8	0.0	0.0	0.0
11	14	8	319	B3	14.3	10.4	75.4	0.0	0.0	0.0
12	5	8	340	B3	8.4	14.4	77.1	0.1	0.0	0.0

FIELD GAS ANALYSIS - 137 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	B4	0.6	18.7	80.7	0.0	0.0	0.0
6	4	8	156	B4	0.4	17.7	81.9	0.0	0.0	0.0
6	25	8	177	B4	1.6	14.8	83.6	0.0	0.0	0.0
7	18	8	200	B4	1.0	12.0	87.0	0.0	0.0	0.0
8	14	8	227	B4	2.2	12.2	85.6	0.0	0.0	0.0
10	10	8	284	B4	5.5	12.4	82.1	0.0	0.0	0.0
11	14	8	319	B4	6.0	14.3	79.8	0.0	0.0	0.0
12	5	8	340	B4	7.0	13.9	78.9	0.1	0.0	0.0

FIELD GAS ANALYSIS - 138 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	C1	0.5	18.3	81.2	0.0	0.0	0.0
6	4	8	156	C1	0.2	19.7	80.1	0.0	0.0	0.0
6	25	8	177	C1	2.2	17.4	80.3	0.0	0.0	0.0
7	18	8	200	C1	2.0	18.1	79.9	0.0	0.0	0.0
8	14	8	227	C1	2.1	17.9	80.0	0.0	0.0	0.0
10	10	8	284	C1	1.4	17.8	80.8	0.0	0.0	0.0
11	14	8	319	C1	0.0	0.0	0.0	0.0	0.0	0.0
12	5	8	340	C1	0.1	19.9	80.1	0.0	0.0	0.0

FIELD GAS ANALYSIS - 139 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	C2	0.1	20.5	79.4	0.0	0.0	0.0
6	4	8	156	C2	1.1	18.7	80.1	0.0	0.0	0.0
6	25	8	177	C2	2.6	17.2	80.2	0.0	0.0	0.0
7	18	8	200	C2	0.0	0.0	0.0	0.0	0.0	0.0
8	14	8	227	C2	2.3	18.0	79.7	0.0	0.0	0.0
10	10	8	284	C2	1.8	11.9	86.3	0.0	0.0	0.0
11	14	8	319	C2	1.4	17.6	81.0	0.0	0.0	0.0
12	5	8	340	C2	1.0	18.4	80.6	0.0	0.0	0.0

FIELD GAS ANALYSIS - 140 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	C3	1.1	18.8	80.1	0.0	0.0	0.0
6	4	8	156	C3	1.4	16.7	81.9	0.0	0.0	0.0
6	25	8	177	C3	2.6	17.2	80.2	0.0	0.0	0.0
7	18	8	200	C3	1.6	17.2	81.1	0.0	0.0	0.0
8	14	8	227	C3	1.2	15.5	82.3	0.0	0.0	0.0
10	10	8	284	C3	2.2	17.3	80.4	0.0	0.0	0.0
11	14	8	319	C3	2.1	17.4	80.5	0.0	0.0	0.0
12	5	8	340	C3	1.8	16.7	81.4	0.0	0.0	0.0

FIELD GAS ANALYSIS - 141 -

MO	DA	YR	DAY	NO	LIC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150		C4	0.9	18.5	80.5	0.0	0.0	0.0
6	4	8	156		C4	1.1	22.9	76.0	0.0	0.0	0.0
6	25	8	177		C4	2.6	18.0	79.4	0.0	0.0	0.0
7	18	8	200		C4	1.0	18.1	80.8	0.0	0.0	0.0
8	14	8	227		C4	1.7	17.1	81.2	0.0	0.0	0.0
10	10	8	284		C4	1.3	5.4	93.3	0.0	0.0	0.0
11	14	8	317		C4	1.2	18.5	80.3	0.0	0.0	0.0
12	5	8	340		C4	0.9	18.8	80.3	0.0	0.0	0.0

FIELD GAS ANALYSIS - 142 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	01	0.0	0.0	0.0	0.0	0.0	0.0
6	4	8	156	01	3.6	10.6	85.8	0.0	0.0	0.0
6	25	8	177	01	2.7	16.9	80.4	0.0	0.0	0.0
7	18	8	200	01	2.8	17.0	80.3	0.0	0.0	0.0
8	14	8	227	01	5.6	17.0	77.4	0.0	0.0	0.0
10	10	8	284	01	3.0	12.5	79.5	0.0	0.0	0.0
11	14	8	319	01	1.6	19.0	79.5	0.0	0.0	0.0
12	5	8	340	01	0.8	19.2	80.1	0.0	0.0	0.0

FIELD GAS ANALYSIS - 143 -

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150		D2	1.5	16.3	82.2	0.0	0.0	0.0
6	4	8	156		D2	1.6	15.1	83.3	0.0	0.0	0.0
6	25	8	177		D2	2.5	13.4	84.1	0.0	0.0	0.0
7	18	8	200		D2	4.2	12.8	83.1	0.0	0.0	0.0
8	14	8	227		D2	0.0	0.0	0.0	0.0	0.0	0.0
10	10	8	284		D2	7.6	14.6	77.9	0.0	0.0	0.0
11	14	8	319		D2	6.2	13.2	80.6	0.0	0.0	0.0
12	5	8	340		D2	5.4	14.9	79.6	0.1	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	03	1.4	16.7	81.8	0.0	0.0	0.0
6	4	8	156	03	1.4	16.1	82.5	0.0	0.0	0.0
6	25	8	177	03	2.0	13.8	84.2	0.0	0.0	0.0
7	18	8	200	03	5.5	12.6	81.7	0.0	0.0	0.0
8	14	8	227	03	2.1	27.9	70.0	0.0	0.0	0.0
10	10	8	284	03	8.9	7.7	83.4	0.0	0.0	0.0
11	14	8	319	03	7.2	14.1	78.8	0.0	0.0	0.0
12	5	8	340	03	6.4	13.8	79.7	0.1	0.0	0.0

FIELD GAS ANALYSIS - 145 -

MO	DA	YR	DAY	NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8		150	D4	0.9	17.2	81.8	0.0	0.0	0.0
6	4	8		156	D4	1.0	17.8	81.2	0.0	0.0	0.0
6	25	8		177	D4	2.0	15.8	82.2	0.0	0.0	0.0
7	18	8		200	D4	0.0	0.0	0.0	0.0	0.0	0.0
8	14	8		227	D4	3.0	14.3	82.6	0.0	0.0	0.0
10	10	8		284	D4	4.8	14.7	80.6	0.0	0.0	0.0
11	14	8		319	D4	4.3	15.5	80.3	0.0	0.0	0.0
12	5	8		340	D4	4.9	14.5	80.5	0.1	0.0	0.0

FIELD GAS ANALYSIS - 146 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	E1	0.1	20.1	79.9	0.0	0.0	0.0
6	4	8	156	E1	2.0	15.7	82.4	0.0	0.0	0.0
6	25	8	177	E1	2.4	16.3	81.3	0.0	0.0	0.0
7	18	8	200	E1	2.7	25.5	71.7	0.0	0.0	0.0
8	14	8	227	E1	2.8	18.2	79.1	0.0	0.0	0.0
10	10	8	284	E1	1.6	31.1	67.3	0.0	0.0	0.0
11	14	8	319	E1	0.7	18.7	80.6	0.0	0.0	0.0
12	5	8	340	E1	1.0	18.4	80.5	0.0	0.0	0.0

FIELD GAS ANALYSIS - 147 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	E2	0.7	17.2	82.1	0.0	0.0	0.0
6	4	8	156	E2	1.6	17.2	81.2	0.0	0.0	0.0
6	25	8	177	E2	2.4	16.3	81.3	0.0	0.0	0.0
7	18	8	200	E2	1.8	15.3	82.9	0.0	0.0	0.0
8	14	8	227	E2	2.2	16.7	81.0	0.0	0.0	0.0
10	10	8	284	E2	2.2	17.2	80.7	0.0	0.0	0.0
11	14	8	319	E2	2.3	17.6	80.2	0.0	0.0	0.0
12	5	8	340	E2	1.6	17.6	80.8	0.0	0.0	0.0

FIELD GAS ANALYSIS - 148 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	[illegible]3	1.5	17.1	81.3	0.0	0.0	0.0
6	4	8	156	[illegible]3	1.7	17.7	80.6	0.0	0.0	0.0
6	25	8	177	[illegible]3	2.4	16.6	80.9	0.0	0.0	0.0
7	18	8	200	[illegible]3	1.0	15.3	82.8	0.0	0.0	0.0
8	14	8	227	[illegible]3	2.2	15.2	81.6	0.0	0.0	0.0
10	10	8	284	[illegible]3	0.0	0.0	0.0	0.0	0.0	0.0
11	14	8	319	[illegible]3	0.7	13.9	85.3	0.0	0.0	0.0
12	5	8	340	[illegible]3	0.8	12.3	79.9	0.0	0.0	0.0

FIELD GAS ANALYSIS - 149 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	E4	1.4	17.0	81.6	0.0	0.0	0.0
6	4	8	156	E4	1.0	18.0	81.0	0.0	0.0	0.0
6	25	8	177	E4	2.5	16.3	81.2	0.0	0.0	0.0
7	18	8	200	E4	1.5	16.4	82.1	0.0	0.0	0.0
8	14	8	227	E4	1.9	16.2	81.9	0.0	0.0	0.0
10	10	8	284	E4	1.6	17.8	80.4	0.0	0.0	0.0
11	14	8	319	E4	1.7	18.3	79.4	0.0	0.0	0.0
12	5	8	340	E4	1.4	20.0	78.6	0.0	0.0	0.0

FIELD GAS ANALYSIS - 150 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	W1	40.0	2.2	57.8	0.0	0.0	0.0
6	4	8	156	W1	47.7	1.9	50.3	0.1	0.0	0.0
6	13	8	165	W1	54.1	1.3	44.6	0.0	0.0	0.0
6	18	8	170	W1	46.8	1.9	51.3	0.1	0.0	0.0
6	25	8	177	W1	48.7	2.1	49.1	0.1	0.0	0.0
7	11	8	193	W1	37.3	1.9	60.8	0.1	0.0	0.0
7	19	8	200	W1	38.7	2.0	59.2	0.0	0.0	0.0
7	24	8	206	W1	35.7	1.0	63.2	0.0	0.0	0.0
7	30	8	212	W1	35.8	1.9	62.3	0.0	0.0	0.0
8	7	8	220	W1	26.4	3.0	70.6	0.1	0.0	0.0
8	14	8	227	W1	23.6	3.0	73.3	0.1	0.0	0.0
8	20	8	233	W1	24.3	1.4	73.8	0.1	0.0	0.0
8	28	8	241	W1	20.6	4.8	74.4	0.2	0.0	0.0
9	3	8	247	W1	19.7	3.1	77.1	0.1	0.0	0.0
9	12	8	256	W1	17.6	6.0	76.3	0.1	0.0	0.0
9	18	8	262	W1	22.2	2.8	74.8	0.2	0.0	0.0
9	26	8	270	W1	23.7	2.4	73.6	0.3	0.0	0.0
10	3	8	277	W1	21.2	3.3	75.3	0.2	0.0	0.0
10	10	8	284	W1	18.4	3.5	77.9	0.3	0.0	0.0
10	17	8	291	W1	17.3	7.4	75.0	0.3	0.0	0.0
10	24	8	298	W1	17.3	5.4	75.6	1.7	0.0	0.0
10	31	8	305	W1	18.4	6.1	75.2	0.3	0.0	0.0
11	14	8	319	W1	19.0	5.3	74.8	0.9	0.0	0.0
11	21	8	326	W1	15.8	7.6	76.7	1.0	0.0	0.0
12	12	8	347	W1	19.7	5.2	73.8	1.3	0.0	0.0
12	19	8	354	W1	14.0	9.9	75.3	0.8	0.0	0.0
12	26	8	361	W1	17.7	5.4	74.8	1.1	0.0	0.0

FIELD GAS ANALYSIS - 151 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	#2	64.4	1.0	34.5	0.1	0.0	0.0
6	4	8	156	#2	63.4	2.1	34.5	0.1	0.0	0.0
6	13	8	165	#2	70.1	1.4	28.4	0.1	0.0	0.0
6	18	8	170	#2	53.2	5.8	40.9	0.1	0.0	0.0
6	25	8	177	#2	55.4	5.4	39.0	0.2	0.0	0.0
7	11	8	193	#2	45.5	3.5	50.9	0.1	0.0	0.0
7	18	8	200	#2	49.0	4.3	46.5	0.1	0.0	0.0
7	24	8	206	#2	53.9	2.6	43.3	0.1	0.0	0.0
7	30	8	212	#2	53.5	2.5	43.6	0.1	0.0	0.0
8	7	8	220	#2	48.6	2.9	48.3	0.3	0.0	0.0
8	14	8	227	#2	40.9	4.5	54.4	0.2	0.0	0.0
8	20	8	233	#2	33.8	7.2	58.8	0.2	0.0	0.0
8	28	8	241	#2	28.7	10.6	60.6	0.2	0.0	0.0
9	3	8	247	#2	29.9	5.7	62.8	0.4	0.0	0.0
9	12	8	256	#2	26.8	8.4	64.5	0.4	0.0	0.0
9	18	8	262	#2	20.8	10.9	68.0	0.3	0.0	0.0
9	26	8	270	#2	26.9	7.4	65.1	0.6	0.0	0.0
10	3	8	277	#2	25.5	8.6	65.4	0.5	0.0	0.0
10	10	8	284	#2	9.3	15.5	75.0	1.3	0.0	0.0
10	17	8	291	#2	17.4	11.4	70.9	0.3	0.0	0.0
10	24	8	298	#2	14.0	11.6	73.8	0.6	0.0	0.0
10	31	8	305	#2	14.0	12.4	73.2	0.5	0.0	0.0
11	14	8	319	#2	9.3	11.4	78.9	0.4	0.0	0.0
11	21	8	326	#2	6.4	17.1	76.3	0.3	0.0	0.0
12	12	8	347	#2	14.9	10.5	73.6	1.0	0.0	0.0
12	19	8	354	#2	11.7	12.9	74.7	0.8	0.0	0.0
12	26	8	361	#2	12.3	12.5	74.4	0.8	0.0	0.0

FIELD GAS ANALYSIS - 152 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	#3	65.4	2.6	31.9	0.1	0.0	0.0
6	4	8	156	#3	60.9	0.9	38.1	0.1	0.0	0.0
6	13	8	165	#3	71.3	1.5	27.1	0.1	0.0	0.0
6	18	8	170	#3	68.8	2.9	28.1	0.2	0.0	0.0
6	25	8	177	#3	69.4	2.0	28.3	0.2	0.0	0.0
7	11	8	193	#3	49.9	2.7	47.1	0.1	0.0	0.0
7	18	8	200	#3	58.1	1.7	39.9	0.3	0.0	0.0
7	24	8	206	#3	61.3	1.4	37.0	0.4	0.0	0.0
7	30	8	212	#3	59.2	1.9	38.4	0.5	0.0	0.0
8	7	8	220	#3	51.3	1.7	46.5	0.5	0.0	0.0
8	14	8	227	#3	52.7	2.0	44.6	0.6	0.0	0.0
8	20	8	233	#3	55.3	1.9	42.0	0.8	0.0	0.0
8	28	8	241	#3	44.0	6.9	48.4	0.7	0.0	0.0
9	3	8	247	#3	46.3	2.4	50.3	1.0	0.0	0.0
9	12	8	256	#3	44.9	3.1	50.7	1.2	0.0	0.0
9	18	8	262	#3	45.5	3.1	50.2	1.1	0.0	0.0
9	26	8	270	#3	39.7	2.1	57.0	1.2	0.0	0.0
10	3	8	277	#3	44.9	2.1	51.5	1.5	0.0	0.0
10	10	8	284	#3	36.6	3.9	58.2	1.3	0.0	0.0
10	17	8	291	#3	29.7	5.4	62.5	1.4	0.0	0.0
10	24	8	298	#3	32.2	5.7	59.1	2.9	0.0	0.0
10	31	8	305	#3	8.7	16.2	74.7	0.4	0.0	0.0
11	14	8	319	#3	33.7	1.5	62.6	2.2	0.0	0.0
11	21	8	325	#3	29.5	3.9	64.8	1.8	0.0	0.0
12	12	8	347	#3	29.3	2.6	66.0	2.2	0.0	0.0
12	19	8	354	#3	20.0	3.0	70.6	1.5	0.0	0.0
12	26	8	361	#3	27.3	3.0	67.1	2.1	0.0	0.0

FIELD GAS ANALYSIS - 153 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	#4	36.1	2.9	60.9	0.1	0.0	0.0
6	4	8	156	#4	70.4	1.3	28.3	0.0	0.0	0.0
6	13	8	165	#4	75.3	0.8	23.8	0.1	0.0	0.0
6	18	8	170	#4	65.6	3.3	31.0	0.1	0.0	0.0
6	25	8	177	#4	70.9	1.8	27.3	0.1	0.0	0.0
7	11	8	193	#4	49.7	2.8	47.5	0.1	0.0	0.0
7	18	8	200	#4	56.2	1.9	41.7	0.1	0.0	0.0
7	24	8	206	#4	62.3	1.2	36.3	0.1	0.0	0.0
7	30	8	212	#4	59.7	1.6	38.4	0.3	0.0	0.0
8	7	8	220	#4	54.9	2.8	42.0	0.3	0.0	0.0
8	14	8	227	#4	57.4	2.8	39.6	0.2	0.0	0.0
8	20	8	233	#4	57.3	2.4	39.9	0.4	0.0	0.0
8	25	8	241	#4	49.7	7.3	42.6	0.4	0.0	0.0
9	3	8	247	#4	51.6	1.7	46.1	0.6	0.0	0.0
9	12	8	256	#4	49.0	5.0	45.6	0.5	0.0	0.0
9	18	8	262	#4	49.9	3.4	46.0	0.7	0.0	0.0
9	26	8	270	#4	46.1	2.1	51.2	0.6	0.0	0.0
10	3	8	277	#4	43.8	3.6	51.7	0.9	0.0	0.0
10	10	8	284	#4	40.4	3.7	55.3	0.7	0.0	0.0
10	17	8	291	#4	38.3	4.6	55.9	0.6	0.0	0.0
10	24	8	298	#4	29.3	8.5	60.1	2.1	0.0	0.0
10	31	8	305	#4	22.8	6.4	69.7	1.0	0.0	0.0
11	14	8	319	#4	31.6	5.0	62.5	0.9	0.0	0.0
11	21	8	325	#4	26.4	7.3	65.4	0.9	0.0	0.0
12	12	8	347	#4	29.1	4.9	64.7	1.4	0.0	0.0
12	19	8	354	#4	23.0	8.3	67.9	1.0	0.0	0.0
12	26	8	361	#4	29.0	4.6	65.0	1.4	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	#5	60.6	4.2	35.2	0.1	0.0	0.0
6	4	8	156	#5	44.7	5.3	50.0	0.0	0.0	0.0
6	13	8	165	#5	60.9	1.4	37.7	0.0	0.0	0.0
6	18	8	170	#5	55.2	3.7	41.1	0.0	0.0	0.0
6	25	8	177	#5	60.4	2.0	37.5	0.0	0.0	0.0
7	11	8	193	#5	37.2	2.2	60.6	0.1	0.0	0.0
7	18	8	200	#5	49.1	2.2	48.7	0.1	0.0	0.0
7	24	8	206	#5	51.9	1.5	46.5	0.1	0.0	0.0
7	30	8	212	#5	50.1	1.6	48.1	0.2	0.0	0.0
8	7	8	220	#5	50.0	2.5	47.3	0.1	0.0	0.0
8	14	8	227	#5	50.1	2.7	47.0	0.2	0.0	0.0
8	20	8	233	#5	50.2	1.8	47.7	0.2	0.0	0.0
8	28	8	241	#5	45.6	6.7	47.4	0.2	0.0	0.0
9	3	8	247	#5	51.8	3.2	44.6	0.3	0.0	0.0
9	12	8	256	#5	42.9	3.5	53.3	0.3	0.0	0.0
9	18	8	262	#5	31.0	8.6	59.9	0.4	0.0	0.0
9	26	8	270	#5	36.5	6.7	56.3	0.5	0.0	0.0
10	3	8	277	#5	37.7	5.6	56.2	0.5	0.0	0.0
10	10	8	284	#5	17.2	9.5	73.0	0.3	0.0	0.0
10	17	8	291	#5	14.3	8.4	77.0	0.2	0.0	0.0
10	24	8	298	#5	26.4	10.1	63.1	0.3	0.0	0.0
10	31	8	305	#5	26.8	9.6	63.2	0.4	0.0	0.0
11	14	8	319	#5	14.8	14.0	70.9	0.3	0.0	0.0
11	21	8	326	#5	14.9	37.0	52.9	0.2	0.0	0.0
12	12	8	347	#5	20.0	11.5	65.2	0.4	0.0	0.0
12	19	8	354	#5	41.8	9.8	47.4	1.0	0.0	0.0
12	26	8	361	#5	27.4	5.6	55.4	0.5	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	#6	42.8	2.6	54.6	0.0	0.0	0.0
6	4	8	156	#6	48.7	1.6	49.7	0.0	0.0	0.0
6	13	8	165	#6	54.2	1.1	44.7	0.0	0.0	0.0
6	18	8	170	#6	57.0	1.5	41.4	0.1	0.0	0.0
6	25	8	177	#6	21.0	3.9	74.9	0.2	0.0	0.0
7	11	8	193	#6	42.3	2.1	55.5	0.1	0.0	0.0
7	18	8	200	#6	48.0	1.5	50.5	0.1	0.0	0.0
7	24	8	206	#6	50.9	1.1	47.9	0.1	0.0	0.0
7	30	8	212	#6	53.7	1.8	44.4	0.1	0.0	0.0
8	7	8	220	#6	47.6	1.9	50.3	0.1	0.0	0.0
8	14	8	227	#6	47.9	2.4	49.6	0.2	0.0	0.0
8	20	8	233	#6	51.5	2.1	46.2	0.1	0.0	0.0
8	28	8	241	#6	46.5	6.0	47.3	0.1	0.0	0.0
9	3	8	247	#6	47.1	1.9	50.7	0.2	0.0	0.0
9	12	8	256	#6	45.6	2.2	51.9	0.2	0.0	0.0
9	18	8	262	#6	46.1	2.6	50.9	0.4	0.0	0.0
9	26	8	270	#6	41.5	2.7	55.4	0.4	0.0	0.0
10	3	8	277	#6	44.7	2.9	52.1	0.3	0.0	0.0
10	10	8	284	#6	38.4	4.8	56.4	0.4	0.0	0.0
10	17	8	291	#6	35.9	5.5	58.1	0.3	0.0	0.0
10	24	8	298	#6	34.3	6.2	59.0	0.5	0.0	0.0
10	31	8	305	#6	33.2	7.9	56.5	0.5	0.0	0.0
11	14	8	319	#6	32.3	6.4	61.0	0.3	0.0	0.0
11	21	8	326	#6	27.0	8.5	64.1	0.5	0.0	0.0
12	12	8	347	#6	33.1	4.1	62.1	0.7	0.0	0.0
12	19	8	354	#6	22.7	9.3	67.7	0.4	0.0	0.0
12	26	8	361	#6	29.7	5.1	64.6	0.7	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	X1	40.0	5.0	55.0	0.1	0.0	0.0
6	4	8	156	X1	47.5	4.7	47.6	0.1	0.0	0.0
6	13	8	165	X1	66.4	0.8	32.7	0.1	0.0	0.0
6	18	8	170	X1	39.7	7.0	53.2	0.1	0.0	0.0
6	25	8	177	X1	36.5	2.6	60.7	0.1	0.0	0.0
7	11	8	193	X1	13.8	15.9	70.2	0.1	0.0	0.0
7	18	8	200	X1	12.7	15.4	71.9	0.0	0.0	0.0
7	24	8	206	X1	37.0	7.2	55.6	0.1	0.0	0.0
7	30	8	212	X1	34.2	7.0	58.7	0.1	0.0	0.0
8	7	8	220	X1	28.0	7.9	64.0	0.1	0.0	0.0
8	14	8	227	X1	20.2	11.1	68.6	0.1	0.0	0.0
8	20	8	233	X1	25.6	6.7	67.7	0.1	0.0	0.0
8	28	8	241	X1	20.2	8.4	71.2	0.2	0.0	0.0
9	3	8	247	X1	21.3	6.0	72.5	0.1	0.0	0.0
9	12	8	256	X1	12.0	13.1	74.7	0.1	0.0	0.0
9	18	8	262	X1	21.3	6.9	72.2	0.1	0.0	0.0
9	26	8	270	X1	22.3	6.4	70.7	0.2	0.0	0.0
10	3	8	277	X1	12.1	6.0	81.7	0.2	0.0	0.0
10	10	8	284	X1	16.6	5.6	77.4	0.4	0.0	0.0
10	17	8	291	X1	18.2	6.9	74.7	0.2	0.0	0.0
10	24	8	298	X1	29.2	7.0	63.7	0.2	0.0	0.0
10	31	8	305	X1	13.4	10.0	76.4	0.2	0.0	0.0
11	14	8	319	X1	15.0	7.7	76.9	0.4	0.0	0.0
11	21	8	325	X1	21.5	6.0	71.8	0.7	0.0	0.0
12	12	8	347	X1	16.1	7.7	75.6	0.6	0.0	0.0
12	19	8	354	X1	25.1	8.9	65.5	0.5	0.0	0.0
12	26	8	361	X1	14.0	9.4	75.1	0.5	0.0	0.0

MO	DA	YR	DAY NU	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	X2	64.5	1.4	33.7	0.1	0.0	0.0
6	4	8	156	X2	64.0	1.8	34.2	0.1	0.0	0.0
6	13	8	165	X2	68.5	0.7	30.7	0.1	0.0	0.0
6	18	8	170	X2	66.8	2.2	30.9	0.1	0.0	0.0
6	25	8	177	X2	66.3	1.4	32.1	0.2	0.0	0.0
7	11	8	193	X2	59.4	2.0	38.3	0.2	0.0	0.0
7	18	8	200	X2	62.5	1.9	35.3	0.2	0.0	0.0
7	24	8	206	X2	0.0	0.0	0.0	0.0	0.0	0.0
7	30	8	212	X2	63.2	0.8	35.7	0.3	0.0	0.0
8	7	8	220	X2	55.4	2.4	41.9	0.3	0.0	0.0
8	14	8	227	X2	48.7	3.1	47.9	0.3	0.0	0.0
8	20	8	233	X2	50.1	2.2	47.3	0.4	0.0	0.0
8	28	8	241	X2	45.4	3.9	50.3	0.4	0.0	0.0
9	3	8	247	X2	41.3	2.4	55.7	0.6	0.0	0.0
9	12	8	256	X2	35.8	3.0	60.6	0.6	0.0	0.0
9	18	8	262	X2	35.0	3.6	60.8	0.5	0.0	0.0
9	26	8	270	X2	32.8	3.9	62.4	0.9	0.0	0.0
10	3	8	277	X2	35.8	2.8	60.7	0.7	0.0	0.0
10	10	8	284	X2	29.9	4.7	64.4	0.8	0.0	0.0
10	17	8	291	X2	26.3	7.1	66.1	0.5	0.0	0.0
10	24	8	298	X2	39.9	5.1	54.6	0.4	0.0	0.0
10	31	8	305	X2	20.7	5.1	64.5	0.7	0.0	0.0
11	14	8	319	X2	17.8	4.1	77.4	0.7	0.0	0.0
11	21	8	326	X2	26.5	8.7	64.1	0.7	0.0	0.0
12	12	8	347	X2	22.8	4.1	72.1	1.0	0.0	0.0
12	19	8	354	X2	19.5	6.0	73.7	0.8	0.0	0.0
12	26	8	361	X2	19.5	5.5	74.3	0.7	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	X3	67.0	2.5	30.4	0.1	0.0	0.0
6	4	8	155	X3	74.1	1.5	24.3	0.1	0.0	0.0
6	13	8	165	X3	77.5	0.4	22.0	0.1	0.0	0.0
6	18	8	170	X3	49.5	7.1	43.4	0.1	0.0	0.0
6	25	8	177	X3	68.6	1.7	29.5	0.2	0.0	0.0
7	11	8	193	X3	60.5	1.6	37.6	0.3	0.0	0.0
7	18	8	200	X3	65.9	2.0	31.9	0.2	0.0	0.0
7	24	8	206	X3	69.4	1.0	29.3	0.3	0.0	0.0
7	30	8	212	X3	66.2	1.9	31.6	0.2	0.0	0.0
8	7	8	220	X3	62.2	1.9	35.6	0.4	0.0	0.0
8	14	8	227	X3	62.5	2.7	34.5	0.4	0.0	0.0
8	20	8	233	X3	61.2	2.1	36.2	0.5	0.0	0.0
8	28	8	241	X3	53.6	6.6	39.2	0.6	0.0	0.0
9	3	8	247	X3	58.0	2.3	38.9	0.8	0.0	0.0
9	12	8	256	X3	53.4	3.0	42.9	0.6	0.0	0.0
9	18	8	262	X3	43.4	5.1	50.3	1.3	0.0	0.0
9	26	8	270	X3	35.9	7.7	55.7	0.7	0.0	0.0
10	3	8	277	X3	44.3	5.9	49.2	0.7	0.0	0.0
10	10	8	284	X3	36.2	6.9	56.1	0.8	0.0	0.0
10	17	8	291	X3	34.2	7.3	57.5	1.0	0.0	0.0
10	24	8	298	X3	0.0	0.0	0.0	0.0	0.0	0.0
10	31	8	305	X3	30.8	8.1	60.2	0.8	0.0	0.0
11	14	8	319	X3	30.1	7.0	62.0	0.9	0.0	0.0
11	21	8	326	X3	19.3	12.1	67.9	0.7	0.0	0.0
12	12	8	347	X3	22.2	9.1	67.9	0.8	0.0	0.0
12	19	8	354	X3	21.0	9.6	68.8	0.6	0.0	0.0
12	26	8	361	X3	0.0	0.0	0.0	0.0	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	X4	45.9	3.1	51.1	0.0	0.0	0.0
6	4	8	156	X4	56.5	2.7	40.7	0.0	0.0	0.0
6	13	8	165	X4	63.1	1.5	35.4	0.1	0.0	0.0
6	18	8	170	X4	59.1	2.9	37.9	0.1	0.0	0.0
6	25	8	177	X4	63.4	1.1	35.5	0.1	0.0	0.0
7	11	8	193	X4	45.8	6.4	47.8	0.1	0.0	0.0
7	18	8	200	X4	49.5	5.2	45.2	0.1	0.0	0.0
7	24	8	206	X4	50.1	5.1	44.6	0.1	0.0	0.0
7	30	8	212	X4	46.1	5.5	47.2	0.2	0.0	0.0
8	7	8	220	X4	41.9	6.6	51.4	0.1	0.0	0.0
8	14	8	227	X4	37.8	7.9	54.1	0.2	0.0	0.0
8	20	8	233	X4	42.2	6.9	50.8	0.1	0.0	0.0
8	28	8	241	X4	34.7	11.1	53.9	0.3	0.0	0.0
9	3	8	247	X4	36.2	8.4	55.2	0.2	0.0	0.0
9	12	8	256	X4	33.9	8.6	57.4	0.2	0.0	0.0
9	18	8	262	X4	39.6	6.9	53.2	0.3	0.0	0.0
9	26	8	270	X4	28.8	10.2	60.8	0.2	0.0	0.0
10	3	8	277	X4	34.2	8.2	56.4	0.6	0.0	0.0
10	10	8	284	X4	24.0	10.2	65.4	0.3	0.0	0.0
10	17	8	291	X4	34.7	6.9	57.7	0.6	0.0	0.0
10	24	8	298	X4	27.3	10.0	61.7	0.5	0.0	0.0
10	31	8	305	X4	32.0	7.4	60.0	0.5	0.0	0.0
11	14	8	319	X4	18.6	12.5	68.4	0.5	0.0	0.0
11	21	8	326	X4	34.6	3.9	61.2	0.3	0.0	0.0
12	12	8	347	X4	22.3	9.5	67.6	0.6	0.0	0.0
12	19	8	354	X4	14.4	13.6	71.8	0.2	0.0	0.0
12	26	8	361	X4	20.3	9.7	69.7	0.4	0.0	0.0

FIELD GAS ANALYSIS - 160 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	X5	36.6	1.8	61.5	0.0	0.0	0.0
6	4	8	156	X5	41.2	1.2	57.6	0.0	0.0	0.0
6	13	8	165	X5	43.1	1.9	54.9	0.1	0.0	0.0
6	18	8	170	X5	41.2	4.5	54.2	0.0	0.0	0.0
6	25	8	177	X5	30.7	7.8	61.4	0.1	0.0	0.0
7	11	8	193	X5	35.4	7.8	56.7	0.0	0.0	0.0
7	18	8	200	X5	39.2	6.7	54.0	0.1	0.0	0.0
7	24	8	206	X5	37.8	7.8	54.4	0.1	0.0	0.0
7	30	8	212	X5	39.0	7.0	54.0	0.1	0.0	0.0
8	7	8	220	X5	35.1	7.4	57.4	0.1	0.0	0.0
8	14	8	227	X5	29.5	10.4	60.0	0.1	0.0	0.0
8	20	8	233	X5	24.3	11.7	63.8	0.1	0.0	0.0
8	28	8	241	X5	0.0	0.0	0.0	0.0	0.0	0.0
9	3	8	247	X5	44.6	3.6	51.7	0.2	0.0	0.0
9	12	8	256	X5	42.6	4.2	52.9	0.2	0.0	0.0
9	18	8	262	X5	44.6	3.5	51.7	0.3	0.0	0.0
9	26	8	270	X5	45.0	2.6	52.1	0.3	0.0	0.0
10	3	8	277	X5	44.5	3.0	51.6	0.4	0.0	0.0
10	10	8	284	X5	43.7	2.6	53.2	0.4	0.0	0.0
10	17	8	291	X5	41.4	3.2	54.9	0.3	0.0	0.0
10	24	8	298	X5	40.3	4.1	55.3	0.3	0.0	0.0
10	31	8	305	X5	41.1	1.7	56.6	0.5	0.0	0.0
11	14	8	319	X5	37.5	3.5	58.5	0.3	0.0	0.0
11	21	8	326	X5	34.8	3.7	61.0	0.4	0.0	0.0
12	12	8	347	X5	33.1	3.5	62.8	0.5	0.0	0.0
12	19	8	354	X5	32.0	4.4	63.1	0.5	0.0	0.0
12	26	8	361	X5	34.5	2.3	62.7	0.5	0.0	0.0

FIELD GAS ANALYSIS - 161 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	X6	33.5	2.2	64.3	0.1	0.0	0.0
6	4	8	156	X6	25.2	1.1	73.6	0.0	0.0	0.0
6	13	8	165	X6	47.0	1.2	51.7	0.1	0.0	0.0
6	18	8	170	X6	41.8	4.3	53.2	0.1	0.0	0.0
6	25	8	177	X6	52.8	1.1	45.9	0.1	0.0	0.0
7	11	8	193	X6	51.8	2.2	46.0	0.1	0.0	0.0
7	18	8	200	X6	56.5	1.2	42.1	0.1	0.0	0.0
7	24	8	206	X6	53.2	1.3	44.9	0.1	0.0	0.0
7	30	8	212	X6	55.4	1.6	42.9	0.1	0.0	0.0
8	7	8	220	X6	51.2	2.3	46.4	0.1	0.0	0.0
8	14	8	227	X6	48.6	2.9	48.3	0.2	0.0	0.0
8	20	8	233	X6	47.0	1.7	51.1	0.2	0.0	0.0
8	28	8	241	X6	38.6	6.0	55.4	0.1	0.0	0.0
9	3	8	247	X6	50.9	1.6	47.3	0.3	0.0	0.0
9	12	8	256	X6	42.5	4.5	52.8	0.3	0.0	0.0
9	18	8	262	X6	23.5	11.4	65.0	0.1	0.0	0.0
9	26	8	270	X6	46.8	2.0	50.7	0.4	0.0	0.0
10	3	8	277	X6	48.8	1.3	49.6	0.4	0.0	0.0
10	10	8	284	X6	41.2	3.6	54.8	0.4	0.0	0.0
10	17	8	291	X6	37.1	4.8	57.7	0.3	0.0	0.0
10	24	8	298	X6	40.6	3.2	55.9	0.2	0.0	0.0
10	31	8	305	X6	33.7	20.6	45.3	0.3	0.0	0.0
11	14	8	319	X6	40.5	1.9	55.1	0.5	0.0	0.0
11	21	8	326	X6	34.3	3.7	61.0	0.4	0.0	0.0
12	12	8	347	X6	32.5	3.1	63.9	0.5	0.0	0.0
12	19	8	354	X6	30.4	4.7	64.5	0.4	0.0	0.0
12	26	8	361	X6	0.0	0.0	0.0	0.0	0.0	0.0

FIELD GAS ANALYSIS - 162 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	Y1	60.6	1.5	37.8	0.1	0.0	0.0
6	4	8	156	Y1	48.0	1.5	50.4	0.1	0.0	0.0
6	13	8	165	Y1	57.6	1.1	41.2	0.1	0.0	0.0
6	18	8	170	Y1	35.3	1.0	57.6	0.1	0.0	0.0
6	25	8	177	Y1	61.3	0.7	37.8	0.1	0.0	0.0
7	11	8	193	Y1	50.4	2.6	46.9	0.1	0.0	0.0
7	18	8	200	Y1	54.8	1.5	43.5	0.1	0.0	0.0
7	24	8	206	Y1	56.1	1.9	45.9	0.1	0.0	0.0
7	30	8	212	Y1	50.5	1.0	48.4	0.2	0.0	0.0
8	7	8	220	Y1	41.3	3.5	55.0	0.2	0.0	0.0
8	14	8	227	Y1	31.6	7.0	61.3	0.1	0.0	0.0
8	20	8	233	Y1	33.6	1.9	64.3	0.2	0.0	0.0
8	28	8	241	Y1	28.8	2.8	68.2	0.3	0.0	0.0
9	3	8	247	Y1	27.0	2.2	70.5	0.2	0.0	0.0
9	12	8	256	Y1	16.9	7.6	75.1	0.3	0.0	0.0
9	18	8	262	Y1	13.6	4.8	81.2	0.4	0.0	0.0
9	26	8	270	Y1	23.5	3.1	73.0	0.4	0.0	0.0
10	3	8	277	Y1	20.0	6.0	73.8	0.2	0.0	0.0
10	10	8	284	Y1	13.5	9.5	76.8	0.2	0.0	0.0
10	17	8	291	Y1	17.0	5.9	77.1	0.1	0.0	0.0
10	24	8	298	Y1	14.3	9.3	76.1	0.3	0.0	0.0
10	31	8	305	Y1	14.5	8.6	76.7	0.3	0.0	0.0
11	14	8	319	Y1	14.7	7.1	77.8	0.5	0.0	0.0
11	21	8	326	Y1	14.9	7.0	77.3	0.8	0.0	0.0
12	12	8	347	Y1	15.1	8.1	75.5	1.3	0.0	0.0
12	19	8	354	Y1	8.3	13.5	77.3	0.9	0.0	0.0
12	26	8	361	Y1	14.8	7.4	76.3	1.4	0.0	0.0

FIELD GAS ANALYSIS - 163 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	Y2	60.0	2.1	38.9	0.1	0.0	0.0
6	4	8	156	Y2	60.5	2.1	37.4	0.1	0.0	0.0
6	13	8	165	Y2	67.8	0.8	31.2	0.1	0.0	0.0
6	18	8	170	Y2	64.3	2.4	33.2	0.1	0.0	0.0
6	25	8	177	Y2	70.4	1.1	28.3	0.2	0.0	0.0
7	11	8	193	Y2	54.2	2.6	43.0	0.1	0.0	0.0
7	18	8	200	Y2	55.8	1.7	42.3	0.2	0.0	0.0
7	24	8	206	Y2	56.6	1.5	41.6	0.3	0.0	0.0
7	30	8	212	Y2	61.2	1.5	37.0	0.2	0.0	0.0
8	7	8	220	Y2	51.9	2.2	45.5	0.3	0.0	0.0
8	14	8	227	Y2	44.6	5.2	49.8	0.4	0.0	0.0
8	20	8	233	Y2	33.1	9.2	57.5	0.1	0.0	0.0
8	28	8	241	Y2	34.3	7.3	58.0	0.4	0.0	0.0
9	3	8	247	Y2	23.9	12.2	63.7	0.2	0.0	0.0
9	12	8	256	Y2	34.3	6.8	58.4	0.4	0.0	0.0
9	18	8	262	Y2	0.0	0.0	0.0	0.0	0.0	0.0
9	26	8	270	Y2	36.3	3.1	60.1	0.6	0.0	0.0
10	3	8	277	Y2	24.9	6.0	68.7	0.4	0.0	0.0
10	10	8	284	Y2	12.4	13.6	73.8	0.2	0.0	0.0
10	17	8	291	Y2	10.2	6.5	83.1	0.2	0.0	0.0
10	24	8	298	Y2	10.8	15.6	73.5	0.1	0.0	0.0
10	31	8	305	Y2	18.2	9.6	71.0	1.1	0.0	0.0
11	14	8	319	Y2	7.8	16.1	75.9	0.1	0.0	0.0
11	21	8	326	Y2	14.6	12.1	73.0	0.4	0.0	0.0
12	12	8	347	Y2	14.8	10.8	73.5	0.8	0.0	0.0
12	19	8	354	Y2	11.6	12.2	75.1	0.9	0.0	0.0
12	26	8	361	Y2	15.3	9.1	74.7	0.9	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	Y3	60.7	1.6	37.7	0.1	0.0	0.0
6	4	8	156	Y3	64.4	0.9	34.6	0.1	0.0	0.0
6	13	8	165	Y3	66.1	1.1	32.7	0.1	0.0	0.0
6	18	8	170	Y3	60.5	2.4	37.0	0.1	0.0	0.0
6	25	8	177	Y3	66.3	0.8	32.7	0.2	0.0	0.0
7	11	8	193	Y3	44.0	2.9	53.1	0.1	0.0	0.0
7	18	8	200	Y3	0.0	0.0	0.0	0.0	0.0	0.0
7	24	8	205	Y3	57.4	1.2	41.2	0.2	0.0	0.0
7	30	8	212	Y3	47.0	5.1	47.8	0.1	0.0	0.0
8	7	8	220	Y3	31.7	9.5	58.6	0.2	0.0	0.0
8	14	8	227	Y3	50.3	3.9	45.6	0.2	0.0	0.0
8	20	8	233	Y3	51.0	3.5	45.3	0.2	0.0	0.0
8	28	8	241	Y3	52.9	2.4	44.5	0.3	0.0	0.0
9	3	8	247	Y3	50.6	1.4	48.1	0.2	0.0	0.0
9	12	8	256	Y3	51.3	3.3	45.0	0.4	0.0	0.0
9	18	8	262	Y3	47.5	3.7	48.6	0.3	0.0	0.0
9	26	8	270	Y3	44.0	4.1	51.6	0.3	0.0	0.0
10	3	8	277	Y3	22.1	10.2	67.3	0.4	0.0	0.0
10	10	8	284	Y3	22.5	11.7	65.5	0.3	0.0	0.0
10	17	8	291	Y3	19.4	12.7	67.7	0.1	0.0	0.0
10	24	8	298	Y3	25.3	10.4	60.0	0.3	0.0	0.0
10	31	8	305	Y3	27.6	8.3	63.6	0.5	0.0	0.0
11	14	8	319	Y3	21.7	10.6	67.4	0.3	0.0	0.0
11	21	8	326	Y3	0.0	0.0	0.0	0.0	0.0	0.0
12	12	8	347	Y3	20.7	9.6	69.2	0.5	0.0	0.0
12	19	8	354	Y3	15.7	12.4	71.7	0.3	0.0	0.0
12	26	8	361	Y3	17.4	10.8	71.5	0.3	0.0	0.0

FIELD GAS ANALYSIS

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	Y4	53.2	2.2	44.5	0.0	0.0	0.0
6	4	8	156	Y4	46.8	2.1	51.0	0.0	0.0	0.0
6	13	8	165	Y4	21.7	0.3	78.0	0.0	0.0	0.0
6	18	8	170	Y4	53.3	3.3	43.4	0.1	0.0	0.0
6	25	8	177	Y4	58.5	1.9	39.4	0.2	0.0	0.0
7	11	8	193	Y4	47.7	1.6	50.6	0.1	0.0	0.0
7	18	8	200	Y4	51.9	2.1	45.9	0.1	0.0	0.0
7	24	8	205	Y4	59.8	1.1	39.0	0.1	0.0	0.0
7	30	8	212	Y4	59.5	1.0	39.4	0.1	0.0	0.0
8	7	8	220	Y4	56.4	2.2	41.3	0.1	0.0	0.0
8	14	8	227	Y4	54.5	2.5	42.7	0.3	0.0	0.0
8	20	8	233	Y4	50.4	2.1	47.3	0.2	0.0	0.0
8	28	8	241	Y4	49.3	1.7	48.0	0.5	0.0	0.0
9	3	8	247	Y4	50.3	1.4	48.1	0.2	0.0	0.0
9	12	8	255	Y4	57.2	1.8	40.6	0.4	0.0	0.0
9	18	8	262	Y4	36.2	6.4	57.1	0.3	0.0	0.0
9	26	8	270	Y4	46.4	4.0	49.2	0.3	0.0	0.0
10	3	8	277	Y4	40.8	5.6	53.2	0.3	0.0	0.0
10	10	8	284	Y4	36.8	5.7	57.0	0.4	0.0	0.0
10	17	8	291	Y4	21.9	4.4	73.5	0.1	0.0	0.0
10	24	8	298	Y4	26.7	8.2	64.0	1.0	0.0	0.0
10	31	8	305	Y4	26.2	15.8	57.4	0.5	0.0	0.0
11	14	8	319	Y4	23.9	10.0	65.7	0.3	0.0	0.0
11	21	8	326	Y4	21.0	10.9	67.7	0.4	0.0	0.0
12	12	8	347	Y4	24.3	8.4	66.8	0.5	0.0	0.0
12	19	8	354	Y4	16.7	5.3	77.9	0.1	0.0	0.0
12	26	8	361	Y4	18.3	10.3	70.4	0.4	0.0	0.0

FIELD GAS ANALYSIS - 166 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	YS	39.3	2.3	57.4	0.0	0.0	0.0
6	4	8	156	YS	40.1	3.8	56.0	0.0	0.0	0.0
6	13	8	165	YS	50.1	0.9	48.9	0.1	0.0	0.0
6	18	8	170	YS	49.4	1.5	49.0	0.1	0.0	0.0
6	25	8	177	YS	52.7	1.1	46.1	0.1	0.0	0.0
7	11	8	193	YS	46.1	1.6	52.1	0.1	0.0	0.0
7	18	8	200	YS	50.5	1.8	47.6	0.1	0.0	0.0
7	24	8	206	YS	53.0	1.2	45.6	0.1	0.0	0.0
7	30	8	212	YS	52.4	1.1	46.4	0.1	0.0	0.0
8	7	8	220	YS	44.7	2.2	52.8	0.3	0.0	0.0
8	14	8	227	YS	45.0	2.6	52.4	0.1	0.0	0.0
8	20	8	233	YS	47.3	1.7	50.9	0.1	0.0	0.0
8	28	8	241	YS	52.4	1.4	46.0	0.2	0.0	0.0
9	3	8	247	YS	46.3	2.4	51.0	0.2	0.0	0.0
9	12	8	256	YS	47.6	2.6	49.3	0.4	0.0	0.0
9	18	8	262	YS	51.1	4.4	44.0	0.5	0.0	0.0
9	26	8	270	YS	46.9	2.7	50.0	0.4	0.0	0.0
10	3	8	277	YS	37.5	4.1	58.2	0.3	0.0	0.0
10	10	8	284	YS	36.5	4.4	58.9	0.2	0.0	0.0
10	17	8	291	YS	33.8	5.6	60.3	0.3	0.0	0.0
10	24	8	298	YS	35.6	3.2	61.9	0.3	0.0	0.0
10	31	8	305	YS	28.9	7.3	63.4	0.4	0.0	0.0
11	14	8	319	YS	22.4	4.8	72.3	0.4	0.0	0.0
11	21	8	326	YS	33.4	4.4	61.3	0.4	0.0	0.0
12	12	8	347	YS	26.0	7.0	66.5	0.4	0.0	0.0
12	19	8	354	YS	14.2	3.4	82.3	0.2	0.0	0.0
12	26	8	361	YS	24.7	4.3	70.5	0.5	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	Y6	40.2	2.3	57.5	0.0	0.0	0.0
6	4	8	155	Y6	39.5	3.4	57.0	0.0	0.0	0.0
6	13	8	164	Y6	50.6	1.5	47.9	0.1	0.0	0.0
6	18	8	170	Y6	48.7	2.0	49.3	0.1	0.0	0.0
6	25	8	177	Y6	26.4	2.3	71.1	0.2	0.0	0.0
7	11	8	193	Y6	41.1	1.7	57.1	0.1	0.0	0.0
7	18	8	200	Y6	49.8	1.1	49.1	0.0	0.0	0.0
7	24	8	205	Y6	54.8	2.3	42.8	0.1	0.0	0.0
7	30	8	212	Y6	35.4	1.2	63.2	0.1	0.0	0.0
8	7	8	220	Y6	43.4	2.4	53.1	0.1	0.0	0.0
8	14	8	227	Y6	43.6	3.5	52.8	0.1	0.0	0.0
8	20	8	233	Y6	0.0	0.0	0.0	0.0	0.0	0.0
8	28	8	241	Y6	45.7	4.2	50.0	0.1	0.0	0.0
9	3	8	247	Y6	44.2	2.4	53.1	0.3	0.0	0.0
9	12	8	256	Y6	45.6	2.2	51.9	0.2	0.0	0.0
9	18	8	262	Y6	49.2	1.1	49.4	0.3	0.0	0.0
9	26	8	270	Y6	49.3	0.9	49.6	0.3	0.0	0.0
10	3	8	277	Y6	36.0	5.9	57.8	0.2	0.0	0.0
10	10	8	284	Y6	13.3	9.3	76.6	0.3	0.0	0.0
10	17	8	291	Y6	30.2	7.4	62.2	0.2	0.0	0.0
10	24	8	298	Y6	20.9	12.3	66.7	0.1	0.0	0.0
10	31	8	305	Y6	19.5	11.4	68.8	0.3	0.0	0.0
11	14	8	319	Y6	13.9	14.3	71.7	0.2	0.0	0.0
11	21	8	326	Y6	20.3	10.6	68.9	0.3	0.0	0.0
12	12	8	347	Y6	20.9	9.4	69.4	0.3	0.0	0.0
12	19	8	354	Y6	17.9	5.5	76.5	0.1	0.0	0.0
12	26	8	361	Y6	21.1	9.6	68.9	0.3	0.0	0.0

FIELD GAS ANALYSIS - 168 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	21	56.5	1.8	41.4	0.1	0.0	0.0
6	4	8	156	21	51.7	2.2	46.0	0.1	0.0	0.0
6	13	8	165	21	69.2	0.7	29.8	0.3	0.0	0.0
6	18	8	170	21	55.1	4.4	40.2	0.3	0.0	0.0
6	25	8	177	21	39.7	8.6	51.2	0.2	0.0	0.0
7	11	8	193	21	42.4	6.8	50.3	0.5	0.0	0.0
7	18	8	200	21	45.4	6.6	45.3	0.7	0.0	0.0
7	24	8	206	21	50.4	4.6	44.1	0.8	0.0	0.0
7	30	8	212	21	44.6	7.0	47.4	1.0	0.0	0.0
8	7	8	220	21	38.8	6.7	54.1	1.1	0.0	0.0
8	14	8	227	21	35.8	4.8	58.3	1.2	0.0	0.0
8	20	8	233	21	30.2	7.5	61.3	1.0	0.0	0.0
8	28	8	241	21	21.2	9.0	68.9	0.8	0.0	0.0
9	3	8	247	21	25.1	5.0	69.2	0.7	0.0	0.0
9	12	8	256	21	17.7	9.4	72.2	0.7	0.0	0.0
9	18	8	262	21	22.4	5.0	71.6	1.1	0.0	0.0
9	26	8	270	21	27.3	4.5	66.5	1.1	0.0	0.0
10	3	8	277	1	21.7	5.3	71.9	1.0	0.0	0.0
10	10	8	284	21	25.8	4.6	67.3	1.2	0.0	0.0
10	17	8	291	21	19.2	4.3	74.9	1.0	0.0	0.0
10	24	8	298	1	18.2	7.0	73.9	0.9	0.0	0.0
10	31	8	305	21	30.9	5.2	61.2	1.6	0.0	0.0
11	14	8	317	1	17.3	3.4	78.2	1.1	0.0	0.0
11	21	8	324	21	19.7	2.6	76.2	1.5	0.0	0.0
12	12	8	347	21	17.5	4.0	76.9	1.5	0.0	0.0
12	19	8	354	21	15.3	4.5	78.3	1.4	0.0	0.0
12	26	8	361	21	16.4	3.9	78.1	1.6	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	22	75.8	2.9	21.2	0.1	0.0	0.0
6	4	8	155	22	81.1	0.8	17.9	0.2	0.0	0.0
6	13	8	165	22	82.1	1.1	16.6	0.2	0.0	0.0
6	18	8	170	22	80.1	1.6	18.2	0.2	0.0	0.0
6	25	8	177	22	82.2	1.1	16.6	0.1	0.0	0.0
7	11	8	193	22	66.4	2.4	30.9	0.2	0.0	0.0
7	18	8	200	22	70.5	1.3	27.4	0.2	0.0	0.0
7	24	8	205	22	18.0	11.9	70.1	0.0	0.0	0.0
7	30	8	212	22	0.0	0.0	0.0	0.0	0.0	0.0
8	7	8	220	22	51.6	6.3	41.8	0.3	0.0	0.0
8	14	8	227	22	47.0	8.1	44.6	0.3	0.0	0.0
8	20	8	233	22	46.2	6.9	45.6	0.3	0.0	0.0
8	28	8	241	22	27.0	13.9	58.8	0.2	0.0	0.0
9	3	8	247	22	57.6	1.7	40.0	0.7	0.0	0.0
9	12	8	256	22	50.2	2.6	46.3	0.9	0.0	0.0
9	18	8	262	22	47.4	2.6	49.1	0.9	0.0	0.0
9	26	8	270	22	38.2	5.3	55.8	0.7	0.0	0.0
10	3	8	277	22	42.8	3.2	53.1	0.9	0.0	0.0
10	10	8	284	22	36.2	5.1	57.8	0.9	0.0	0.0
10	17	8	291	22	31.4	6.3	61.1	1.2	0.0	0.0
10	24	8	298	22	23.5	10.3	65.5	0.7	0.0	0.0
10	31	8	305	22	27.5	7.4	64.0	1.1	0.0	0.0
11	14	8	319	22	24.0	7.6	67.7	0.7	0.0	0.0
11	21	8	326	22	25.1	5.8	68.0	1.1	0.0	0.0
12	12	8	347	22	20.5	7.6	70.8	1.1	0.0	0.0
12	19	8	354	22	13.8	11.2	74.1	0.9	0.0	0.0
12	26	8	361	22	17.1	9.3	72.2	1.0	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	23	76.7	1.6	21.6	0.1	0.0	0.0
6	4	8	156	23	25.3	12.9	61.1	0.1	0.0	0.0
6	13	8	165	23	85.4	0.6	13.8	0.1	0.0	0.0
6	18	8	170	23	82.9	1.0	15.9	0.1	0.0	0.0
6	25	8	177	23	58.1	1.0	40.9	0.1	0.0	0.0
7	11	8	193	23	27.2	11.6	61.1	0.1	0.0	0.0
7	18	8	200	23	39.4	10.1	50.4	0.1	0.0	0.0
7	24	8	206	23	38.1	9.6	52.3	0.1	0.0	0.0
7	30	8	212	23	35.7	10.9	53.2	0.1	0.0	0.0
8	7	8	220	23	32.8	11.6	55.4	0.2	0.0	0.0
8	14	8	227	23	31.4	11.9	56.4	0.2	0.0	0.0
8	20	8	233	23	31.0	11.2	57.7	0.1	0.0	0.0
8	28	8	241	23	24.3	15.3	60.3	0.2	0.0	0.0
9	3	8	247	23	30.6	12.0	57.0	0.3	0.0	0.0
9	12	8	256	23	24.7	13.8	61.3	0.2	0.0	0.0
9	18	8	262	23	18.3	15.2	66.1	0.2	0.0	0.0
9	26	8	270	23	21.7	14.0	64.1	0.2	0.0	0.0
10	3	8	277	23	17.3	14.2	68.1	0.4	0.0	0.0
10	10	8	284	23	13.4	15.4	71.0	0.2	0.0	0.0
10	17	8	291	23	15.8	14.7	69.1	0.3	0.0	0.0
10	24	8	298	23	8.7	16.9	74.2	0.2	0.0	0.0
10	31	8	305	23	13.3	14.9	71.4	0.4	0.0	0.0
11	14	8	319	23	19.2	12.0	67.9	0.8	0.0	0.0
11	21	8	326	23	20.2	10.5	68.4	0.8	0.0	0.0
12	12	8	347	23	19.2	10.6	69.4	0.8	0.0	0.0
12	19	8	354	23	15.2	12.5	71.6	0.7	0.0	0.0
12	26	8	361	23	15.3	11.6	72.2	0.7	0.0	0.0

FIELD GAS ANALYSIS - 171 -

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	24	0.4	41.8	57.8	0.0	0.0	0.0
6	4	8	156	24	0.0	0.0	0.0	0.0	0.0	0.0
6	13	8	165	24	0.0	0.0	0.0	0.0	0.0	0.0
6	18	8	170	24	1.1	20.7	78.2	0.0	0.0	0.0
6	25	8	177	24	0.1	20.2	79.7	0.0	0.0	0.0
7	11	8	193	24	0.9	21.2	77.9	0.0	0.0	0.0
7	18	8	200	24	0.1	19.8	80.0	0.0	0.0	0.0
7	24	8	206	24	1.7	17.7	80.6	0.0	0.0	0.0
7	30	8	212	24	0.0	0.0	0.0	0.0	0.0	0.0
8	7	8	220	24	0.1	19.6	80.3	0.0	0.0	0.0
8	14	8	227	24	0.8	2 .2	79.0	0.0	0.0	0.0
8	20	8	233	24	0.0	0.0	0.0	0.0	0.0	0.0
8	28	8	241	24	0.0	0.0	0.0	0.0	0.0	0.0
9	3	8	247	24	0.0	0.0	0.0	0.0	0.0	0.0
9	12	8	256	24	0.0	0.0	0.0	0.0	0.0	0.0
9	18	8	262	24	0.0	0.0	0.0	0.0	0.0	0.0
9	26	8	270	24	0.0	0.0	0.0	0.0	0.0	0.0
10	3	8	277	24	0.0	0.0	0.0	0.0	0.0	0.0
10	10	8	284	24	0.0	0.0	0.0	0.0	0.0	0.0
10	17	8	291	24	0.0	0.0	0.0	0.0	0.0	0.0
10	24	8	298	24	0.0	0.0	0.0	0.0	0.0	0.0
10	31	8	305	24	0.0	0.0	0.0	0.0	0.0	0.0
11	14	8	319	24	0.0	0.0	0.0	0.0	0.0	0.0
11	21	8	326	24	0.0	0.0	0.0	0.0	0.0	0.0
12	12	8	347	24	0.0	0.0	0.0	0.0	0.0	0.0
12	19	8	354	24	0.0	0.0	0.0	0.0	0.0	0.0
12	26	8	361	24	0.0	0.0	0.0	0.0	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	25	54.1	2.1	43.8	0.0	0.0	0.0
6	4	8	156	25	50.9	2.6	46.4	0.1	0.0	0.0
6	13	8	165	25	59.0	1.4	39.6	0.1	0.0	0.0
6	18	8	170	25	61.9	0.7	37.3	0.1	0.0	0.0
6	25	8	177	25	60.1	1.2	38.1	0.1	0.0	0.0
7	11	8	193	25	55.9	1.9	42.1	0.1	0.0	0.0
7	18	8	200	25	57.8	1.5	40.6	0.1	0.0	0.0
7	24	8	205	25	58.3	1.1	40.6	0.1	0.0	0.0
7	30	8	212	25	60.7	1.6	37.6	0.1	0.0	0.0
8	7	8	220	25	52.2	2.3	45.4	0.1	0.0	0.0
8	14	8	227	25	53.4	2.3	44.2	0.2	0.0	0.0
8	20	8	233	25	56.3	0.9	42.7	0.1	0.0	0.0
8	28	8	241	25	48.5	5.8	45.3	0.2	0.0	0.0
9	3	8	247	25	50.4	2.2	47.0	0.4	0.0	0.0
9	12	8	255	25	48.9	3.3	47.6	0.2	0.0	0.0
9	18	8	262	25	31.9	9.1	58.9	0.2	0.0	0.0
9	26	8	270	25	40.6	5.9	53.3	0.2	0.0	0.0
10	3	8	277	25	43.0	5.0	51.5	0.5	0.0	0.0
10	10	8	284	25	13.7	15.3	70.6	0.3	0.0	0.0
10	17	8	291	25	40.6	5.3	53.8	0.3	0.0	0.0
10	24	8	298	25	28.5	7.5	63.9	0.2	0.0	0.0
10	31	8	305	25	32.0	8.0	60.0	0.3	0.0	0.0
11	14	8	319	25	25.6	10.4	63.8	0.2	0.0	0.0
11	21	8	326	25	35.3	5.7	58.6	0.5	0.0	0.0
12	12	8	347	25	32.8	6.3	60.5	0.4	0.0	0.0
12	19	8	354	25	13.6	9.1	77.2	0.2	0.0	0.0
12	26	8	361	25	26.6	7.7	65.2	0.4	0.0	0.0

MO	DA	YR	DAY NO	LOC	CO2	O2	N2	CH4	H2S	CO
5	29	8	150	26	49.9	1.9	48.1	0.0	0.0	0.0
6	4	8	156	26	48.0	1.6	50.4	0.1	0.0	0.0
6	13	8	165	26	55.9	1.3	42.8	0.1	0.0	0.0
6	18	8	170	26	58.1	1.4	40.5	0.1	0.0	0.0
6	25	8	177	26	60.3	1.1	38.6	0.1	0.0	0.0
7	11	8	193	26	48.1	4.0	47.8	0.1	0.0	0.0
7	18	8	200	26	55.0	1.6	43.3	0.1	0.0	0.0
7	24	8	206	26	47.6	4.1	48.2	0.1	0.0	0.0
7	30	8	212	26	57.5	1.8	40.6	0.1	0.0	0.0
8	7	8	220	26	48.1	2.6	49.2	0.1	0.0	0.0
8	14	8	227	26	42.5	4.4	52.6	0.1	0.0	0.0
8	20	8	233	26	51.5	1.5	46.9	0.2	0.0	0.0
8	28	8	241	26	44.7	6.5	48.6	0.2	0.0	0.0
9	3	8	247	26	49.2	2.3	48.2	0.3	0.0	0.0
9	12	8	256	26	48.2	3.7	47.9	0.2	0.0	0.0
9	18	8	262	26	32.3	9.5	58.0	0.2	0.0	0.0
9	26	8	270	26	29.3	8.4	62.1	0.2	0.0	0.0
10	3	8	277	26	37.9	6.9	55.0	0.2	0.0	0.0
10	10	8	284	26	0.0	0.0	0.0	0.0	0.0	0.0
10	17	8	291	26	41.7	4.9	53.0	0.3	0.0	0.0
10	24	8	298	26	0.0	0.0	0.0	0.0	0.0	0.0
10	31	8	305	26	33.8	7.4	58.5	0.4	0.0	0.0
11	14	8	319	26	32.0	7.4	60.2	0.4	0.0	0.0
11	21	8	326	26	32.5	6.8	60.4	0.4	0.0	0.0
12	12	8	347	26	27.7	7.3	64.5	0.5	0.0	0.0
12	19	8	354	26	20.1	11.2	68.4	0.3	0.0	0.0
12	26	8	361	26	23.8	9.2	66.8	0.3	0.0	0.0

SECTION 2-C

FIELD GROUND-WATER SAMPLES

Notes:

1. Nomenclature; same as Section 1-C.
2. Zeros indicate test not run.
3. Well numbers are indicated in Figure 2.

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	1	1.00	0.0	0.0	0.51	0	13	0.0
12	20	7	354	1	15.00	0.0	0.0	0.05	0	22	0.0
1	12	8	12	1	0.22	0.0	0.0	0.04	0	30	0.0
1	19	8	19	1	0.15	0.0	0.0	0.0	0	0	0.0
2	9	8	40	1	0.0	0.0	0.04	0.01	0	52	0.0
4	23	8	114	1	0.04	1.20	0.03	0.03	0	23	0.0
5	29	8	150	1	0.0	0.0	0.0	0.0	98	23	0.0
6	4	8	158	1	0.0	0.0	0.0	0.0	97	23	0.0
6	12	8	164	1	0.0	0.0	0.0	0.0	78	24	0.0
6	25	8	177	1	0.01	0.34	0.0	0.01	32	23	0.0
7	3	8	185	1	0.04	0.59	0.07	0.01	75	24	0.0
7	11	8	193	1	0.14	0.76	0.0	0.0	82	31	0.0
8	14	8	227	1	0.42	0.46	0.02	0.0	92	30	0.0
9	12	8	256	1	0.37	0.24	0.0	0.0	70	30	0.0
10	10	8	284	1	0.10	0.06	0.0	0.01	70	29	0.0
11	7	8	312	1	0.10	0.05	0.05	0.02	130	29	0.0
12	5	8	340	1	0.17	0.0	0.0	0.0	90	30	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	BO4	SO4	CL	NA	SS
12	13	7	347	1	7.7	30.0	0.5	2.0	7.0	139.0	0.0
12	20	7	354	1	7.3	36.0	0.5	2.0	9.0	143.0	0.0
1	12	8	12	1	6.9	32.0	0.5	2.0	7.0	161.0	0.0
1	19	8	19	1	7.0	22.0	0.5	2.0	10.0	10.0	112.0
2	9	8	40	1	7.0	36.0	0.5	6.0	10.0	8.0	98.0
4	23	8	114	1	6.5	41.0	0.5	5.0	8.0	10.0	42.0
5	29	8	150	1	6.6	34.0	0.5	5.0	8.0	2.0	135.0
6	4	8	160	1	6.6	34.0	0.5	5.0	8.0	7.0	208.0
6	12	8	164	1	6.6	40.0	0.5	6.0	8.0	28.0	146.0
6	25	8	177	1	6.4	40.0	0.5	6.0	8.0	52.0	38.0
7	3	8	185	1	6.5	28.0	0.5	5.0	7.0	24.0	32.0
7	11	8	193	1	6.3	36.0	0.5	5.0	10.0	23.0	25.0
8	14	8	227	1	6.2	36.0	1.0	6.0	9.0	24.0	37.0
8	19	8	254	1	6.2	38.0	0.0	5.0	0.0	10.0	42.0
10	15	8	284	1	6.2	38.0	0.0	5.0	14.0	5.0	52.0
11	7	8	312	1	6.2	74.0	0.0	4.0	10.0	8.0	31.0
12	5	8	340	1	6.2	54.0	0.0	4.0	8.0	5.0	19.0

MO	DA	YR	DAY	NO	WELL	N FREE	NAMEN	COD	BOD	PHS	PVOL	MPN
12	13	7	347		1	0.0	0.0	12.0	0.0	64.0	0.0	0.0
12	27	7	361		1	0.0	0.0	35.0	0.0	230.0	0.0	0.0
1	12	8	12		1	0.0	0.0	21.0	0.0	0.0	0.0	0.0
1	10	8	10		1	0.0	0.0	34.0	0.0	140.0	0.0	0.0
2	0	8	40		1	0.0	1.6	136.0	0.0	127.0	0.0	0.0
4	23	8	114		1	0.0	0.0	136.0	0.0	80.0	0.0	0.0
5	20	8	150		1	0.0	0.0	145.0	0.0	272.0	0.0	33.0
5	4	8	158		1	0.0	0.0	142.0	0.0	330.0	0.0	13.0
6	12	8	164		1	0.0	0.0	138.0	0.0	210.0	0.0	0.0
6	26	8	177		1	0.0	0.0	122.0	0.0	92.0	0.0	0.0
7	3	8	186		1	0.0	0.0	0.0	7.0	168.0	0.0	0.0
7	11	8	193		1	0.0	0.0	140.0	0.0	157.0	0.0	0.0
7	16	8	227		1	0.0	0.0	150.0	0.0	128.0	0.0	0.0
8	12	8	256		1	0.0	0.0	76.0	0.0	137.0	0.0	33.0
10	1	8	284		1	0.0	0.0	60.0	0.0	137.0	0.0	0.0
11	7	8	312		1	0.0	0.0	21.0	0.0	138.0	0.0	0.0
12	5	8	340		1	0.0	0.0	0.0	0.0	111.0	0.0	0.0

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO2 MG/L
12	13	7	347	2	0.01	0.0	0.0	0.57	0	12	0.0
12	20	7	354	2	20.00	0.0	0.0	0.05	0	23	0.0
1	12	8	12	2	0.26	0.0	0.0	0.04	0	30	0.0
1	19	8	19	2	0.15	0.0	0.0	0.01	0	32	0.0
2	9	8	40	2	0.01	0.0	0.04	0.0	0	34	0.0
4	23	8	114	2	0.04	1.23	0.03	0.03	0	20	0.0
5	14	8	135	2	0.10	1.30	0.05	0.03	102	20	0.0
5	29	8	150	2	0.0	0.0	0.0	0.0	89	23	0.0
6	4	8	158	2	0.0	0.0	0.0	0.0	90	22	0.0
6	12	8	164	2	0.0	0.0	0.0	0.0	73	14	0.0
6	18	8	170	2	0.07	0.16	0.03	0.02	65	14	0.0
6	25	8	177	2	0.0	0.34	0.02	0.01	75	14	0.0
7	3	8	185	2	0.06	0.74	0.0	0.0	72	12	0.0
7	11	8	193	2	0.14	0.63	0.02	0.0	75	9	0.0
8	14	8	227	2	0.13	0.26	0.0	0.0	82	11	0.0
9	12	8	256	2	0.37	0.24	0.0	0.0	80	14	0.0
10	10	8	284	2	0.10	0.0	0.0	0.01	75	12	0.0
11	7	8	312	2	0.0	0.03	0.02	0.0	75	10	0.0
12	5	8	346	2	0.06	0.07	0.0	0.0	75	0	0.0

MO	DA	YR	DAY	NO	WELL	NH	HARD	PO4	SO4	CL	NA	SS
12	12	7	347	2		[illegible]	38.0	0.5	2.0	11.0	115.0	0.0
12	20	7	354	2		[illegible]	20.0	0.5	4.0	11.0	106.0	0.0
1	12	8	12	2		[illegible]	32.0	0.5	2.0	7.0	161.0	0.0
1	10	8	10	2		[illegible]	17.0	0.5	4.0	9.0	[illegible]	0.0
2	9	8	40	2		[illegible]	36.0	0.5	5.0	9.0	8.0	119.0
4	23	8	114	2		[illegible]	32.0	0.5	5.0	9.0	9.0	120.0
5	14	8	135	2		[illegible]	22.0	0.5	5.0	9.0	11.0	75.0
5	23	8	150	2		[illegible]	46.0	0.5	5.0	9.0	9.0	[illegible]
6	4	8	159	2		[illegible]	36.0	0.5	5.0	9.0	8.0	78.0
6	12	8	164	2		[illegible]	24.0	0.5	5.0	9.0	11.0	67.0
6	19	8	171	2		[illegible]	38.0	0.5	5.0	12.0	38.0	92.0
6	25	8	177	2		[illegible]	[illegible]	0.5	5.0	10.0	38.0	38.0
7	3	8	185	2		[illegible]	38.0	0.5	5.0	12.0	28.0	26.0
7	11	8	193	2		[illegible]	28.0	0.5	5.0	11.0	28.0	19.0
8	14	8	227	2		[illegible]	36.0	0.5	6.0	10.0	[illegible]	34.0
9	12	8	256	2		[illegible]	32.0	0.5	4.0	9.0	10.0	42.0
1	1	8	306	2		[illegible]	38.0	0.5	4.0	10.0	7.0	51.0
11	7	8	312	2		[illegible]	30.0	0.5	2.0	11.0	5.0	30.0
12	5	8	340	2		[illegible]	36.0	0.5	3.0	11.0	5.0	23.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE NAMON	COD	BOD	RES	SVOL	MPN
12	13	7	347	2	.	124.	0.	175.	0.	0.
12	27	7	361	2	.	92.	0.	283.	0.	0.
1	12	8	12	2	.	71.	0.	.	0.	0.
1	10	9	10	2	.	.	0.	153.	0.	0.
2	6	9	41	2	.	168.	0.	160.	0.	0.
4	23	9	114	2	.	148.	0.	212.	0.	0.
5	14	9	135	2	.	148.	.	190.	0.	0.
5	22	9	143	2	.	150.	9.	175.	0.	23.
6	4	9	156	2	.	145.	0.	168.	0.	17.
6	12	9	164	2	.	133.	7.	180.	0.	0.
6	18	9	170	2	.	149.	0.	175.	0.	0.
6	25	9	177	2	.	121.	0.	125.	0.	0.
7	3	9	186	2	.	.	4.	132.	0.	0.
7	11	9	194	2	.	.	0.	170.	0.	0.
7	14	9	197	2	.	136.	0.	162.	0.	2.
8	13	9	226	2	.	94.	0.	138.	0.	0.
1	1	8	284	2	.	78.	0.	120.	0.	0.
11	7	7	312	2	.	.	0.	120.	0.	0.
12	6	8	34	2	.	10.	0.	100.	0.	0.

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	3	0.40	0.0	0.0	0.17	0	18	0.0
12	20	7	354	3	15.00	0.0	0.0	0.04	0	27	0.0
1	12	8	12	3	0.14	0.0	0.0	0.01	0	34	0.0
1	19	8	19	3	0.15	0.0	0.0	0.01	0	39	0.0
12	9	8	40	3	0.01	0.0	0.0	0.0	0	34	0.0
4	2	8	93	3	0.10	0.53	0.08	0.02	59	16	0.0
4	23	8	114	3	0.04	1.20	0.03	0.03	0	16	0.0
5	14	8	135	3	0.17	1.33	0.05	0.02	74	18	0.0
5	29	8	150	3	0.0	0.0	0.0	0.0	32	16	0.0
6	4	8	158	3	0.0	0.0	0.0	0.0	66	16	0.0
6	12	8	164	3	0.0	0.0	0.0	0.0	52	14	0.0
6	18	8	170	3	0.0	0.0	0.0	0.0	45	14	0.0
6	25	8	177	3	0.26	0.51	0.15	0.02	59	15	0.0
7	3	8	185	3	0.0	0.82	0.03	0.01	58	16	0.0
7	11	8	193	3	0.04	0.44	0.06	0.0	59	13	0.0
7	18	8	200	3	0.81	0.56	0.0	0.0	63	17	0.0
7	25	8	207	3	0.18	1.18	0.04	0.0	52	16	0.0
7	30	8	212	3	0.18	0.70	0.14	0.0	61	18	0.0
8	6	8	219	3	0.06	0.46	0.0	0.01	69	19	0.0
8	14	8	227	3	0.12	0.01	0.0	0.0	60	16	0.0
8	20	8	233	3	0.21	0.01	0.0	0.0	64	19	0.0
8	28	8	241	3	0.26	0.0	0.0	0.0	71	22	0.0
9	5	8	249	3	0.14	0.04	0.02	0.0	72	23	0.0
9	12	8	256	3	0.67	0.51	0.06	0.0	57	20	0.0
9	18	8	262	3	0.08	0.35	0.04	0.0	54	19	0.0
9	26	8	270	3	0.02	0.0	0.03	0.01	4	26	0.0
9	30	8	274	3	0.0	0.0	0.0	0.0	50	18	0.0
10	3	8	277	3	0.01	0.0	0.02	0.0	40	21	0.0
10	10	8	284	3	0.12	0.03	0.01	0.04	60	22	0.0
10	17	8	291	3	0.0	0.05	0.10	0.01	50	15	0.0
10	24	8	298	3	0.10	0.09	0.02	0.0	45	2	0.0
10	31	8	305	3	0.10	0.12	0.01	0.0	45	21	0.0
11	14	8	319	3	0.11	0.05	0.0	0.01	60	20	0.0
11	21	8	326	3	0.20	0.06	0.02	0.05	50	18	0.0
12	5	8	340	3	0.04	0.05	0.0	0.0	74	22	0.0
12	12	8	347	3	0.08	0.02	0.0	0.0	60	21	0.0
12	18	8	353	3	0.0	0.07	0.0	0.0	46	20	0.0
12	26	8	361	3	0.0	0.07	0.0	0.0	41	21	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
12	13	7	347	3	7.8	55.	0.5	3.0	7.0	89.0	0.0
12	2	7	354	3	7.6	31.	0.6	2.	7.0	173.	0.
1	12	8	12	3	7.7	38.	0.5	3.0	10.0	150.	0.
1	10	8	10	3	6.7	36.	0.5	3.0	9.0	13.	85.
2	8	8	40	3	7.	36.	0.5	3.0	8.0	10.	96.
4	3	8	93	3	7.2	22.	0.5	3.	5.0	4.	122.
4	22	8	114	3	7.2	24.	0.5	3.0	8.0	8.	65.
5	14	8	135	3	6.4	28.	0.5	3.	6.0	9.	42.
5	21	8	15	3	6.2	34.	0.5	3.0	6.0	7.0	30.
6	4	8	156	3	6.2	24.	0.5	3.	7.0	10.0	31.
6	12	8	164	3	6.2	24.	0.5	3.	7.0	10.	72.
6	18	8	17	3	6.2	22.	0.5	3.	8.0	26.	27.
7	25	8	177	3	6.2	25.	0.5	3.0	12.0	28.0	31.
7	3	8	184	3	6.1	24.	0.5	2.	8.	38.	43.
7	11	8	192	3	6.	25.	0.5	3.	10.0	29.	68.
7	18	8	20	3	6.0	24.	0.	2.	10.0	3.	92.
7	25	8	207	3	6.	23.	0.	3.	10.0	3.	345.
8	1	8	213	3	6.	24.	0.	3.	10.0	5.	109.
8	7	8	219	3	6.	27.	0.	3.	11.0	48.	123.
8	14	8	227	3	6.1	28.	0.	3.	10.0	0.	42.
8	22	8	233	3	6.	8.	0.	3.	10.0	7.	97.
8	28	8	241	3	6.	27.	0.	3.	10.0	7.	121.
9	5	8	248	3	6.0	31.	0.	3.	10.	10.	76.
9	12	8	256	3	6.	28.	0.	3.	12.	10.	62.
9	19	8	263	3	6.0	31.	0.	3.	10.	11.	71.
9	26	8	270	3	6.	31.	0.	3.	10.	9.	3.
10	3	8	276	3	6.0	30.	0.	3.	10.	7.	85.
1	3	8	277	3	6.	33.	0.	3.	10.0	45.	93.
1	1	9	284	3	6.0	34.	0.	3.	11.	10.	115.
10	17	8	291	3	6.	31.	0.	3.	10.	4.	130.
1	24	8	298	3	6.0	36.	0.	3.	10.	4.0	0.
1	31	8	305	3	6.0	35.	0.	1.	11.	5.0	24.
11	7	8	312	3	6.0	25.	0.	2.	8.	5.	4.
11	14	8	319	3	6.	48.	0.	2.	7.	4.	31.
11	21	8	326	3	6.	33.	0.	2.	10.	5.	22.
12	5	8	340	3	6.1	34.	0.	1.	5.	4.	47.
12	12	8	347	3	6.	48.	0.	1.	15.	5.	31.
12	19	8	354	3	6.	47.	0.	1.	6.	4.	44.
12	26	8	361	3	6.	39.	0.	2.	10.	5.	30.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY	PC	WELL	N FREE	NAMEN	COD	BOD	RES	%VOL	MPN
12	13	7	347	3	0.0	0.5	1.4.0	0.0	155.0	0.0	0.0	
12	21	7	354	3	.0	.0	140.0	0.0	156.0	0.0	0.0	
1	12	8	12	3	.0	0.0	64.0	0.0	148.0	0.0	0.0	
1	19	8	19	3	.0	.0	0.0	0.0	160.0	0.0	0.0	
2	3	8	40	3	0.0	.5	82.0	0.0	1250.0	0.0	0.0	
4	3	8	93	3	.0	.0	0.0	0.0	1300.0	0.0	0.0	
4	22	8	114	3	.0	.0	140.0	0.0	150.0	0.0	0.0	
5	16	8	135	3	0.0	.0	145.0	0.0	161.0	0.0	0.0	
5	29	8	148	3	0.0	.0	142.0	0.0	133.0	0.0	2.0	
6	6	8	158	3	.0	0.0	146.0	0.0	142.0	0.0	17.0	
6	13	8	164	3	0.0	.0	140.0	8.0	180.0	0.0	0.0	
6	19	8	170	3	.0	0.0	130.0	0.0	128.0	0.0	0.0	
6	25	8	177	3	.0	.0	122.0	0.0	134.0	0.0	0.0	
7	3	8	185	3	0.0	.0	.0	10.0	127.0	0.0	0.0	
7	11	8	193	3	.0	.0	137.0	0.0	157.0	0.0	0.0	
7	16	8	198	3	0.0	0.0	.0	0.0	240.0	0.0	0.0	
7	25	8	207	3	.0	.0	144.0	0.0	464.0	0.0	0.0	
7	31	8	212	3	.0	.0	0.0	0.0	208.0	0.0	0.0	
8	6	8	219	3	.0	.0	0.0	0.0	252.0	0.0	0.0	
8	16	8	227	3	.0	.0	148.0	0.0	214.0	0.0	0.0	
8	27	8	238	3	.0	0.0	47.0	0.0	138.0	0.0	0.0	
9	29	8	241	3	.0	1.5	13.0	0.0	196.0	0.0	0.0	
10	5	8	260	3	0.0	1.0	0.0	0.0	146.0	0.0	0.0	
10	12	8	256	3	.0	1.0	13.0	0.0	112.0	0.0	2.0	
10	18	8	262	3	.0	.5	22.0	0.0	100.0	0.0	0.0	
10	24	8	270	3	.0	.5	.0	0.0	120.0	0.0	0.0	
10	30	8	276	3	.0	.5	0.0	0.0	104.0	0.0	0.0	
11	8	8	287	3	.0	.0	.0	0.0	187.0	0.0	0.0	
11	17	8	296	3	.0	.0	0.0	0.0	175.0	0.0	0.0	
11	25	8	304	3	.0	.0	17.0	0.0	216.0	0.0	0.0	
11	26	8	309	3	.0	.0	45.0	0.0	0.0	0.0	0.0	
11	31	8	314	3	.0	.0	40.0	0.0	113.0	0.0	0.0	
12	7	8	320	3	.0	.0	46.0	0.0	80.0	0.0	0.0	
12	14	8	327	3	.0	.0	33.0	0.0	97.0	0.0	0.0	
12	21	8	334	3	.0	.0	22.0	0.0	110.0	0.0	0.0	
12	28	8	341	3	0.0	.0	8.0	0.0	120.0	0.0	0.0	
12	12	7	347	3	.0	.0	10.0	0.0	97.0	0.0	0.0	
12	19	8	360	3	.0	.0	2.0	0.0	106.0	0.0	0.0	
12	26	8	361	3	.0	.4	46.0	0.0	70.0	0.0	0.0	

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	4	0.01	0.0	0.0	0.13	0	13	0.0
12	20	7	354	4	5.40	0.0	0.0	0.04	0	28	0.0
1	12	8	12	4	0.14	0.0	0.0	0.01	0	28	0.0
1	19	8	19	4	0.34	0.0	0.0	0.14	0	10	0.0
2	9	8	40	4	0.01	0.0	0.04	0.01	0	30	0.0
4	2	8	93	4	0.06	0.60	0.04	0.03	74	20	0.0
4	23	8	114	4	0.04	0.98	0.03	0.03	0	18	0.0
5	14	8	135	4	0.10	1.33	0.05	0.03	62	19	0.0
5	29	8	150	4	0.0	0.0	0.0	0.0	173	18	0.0
6	4	8	158	4	0.0	0.0	0.0	0.0	74	18	0.0
6	12	8	164	4	0.0	0.0	0.0	0.0	73	18	0.0
6	18	8	170	4	0.0	0.0	0.0	0.0	52	19	0.0
6	25	8	177	4	0.03	0.45	0.04	0.0	65	18	0.0
7	3	8	185	4	0.0	0.71	0.02	0.01	60	18	0.0
7	11	8	193	4	0.45	0.63	0.04	0.01	65	18	0.0
7	18	8	200	4	0.12	0.75	0.0	0.0	60	18	0.0
7	24	8	206	4	0.13	0.83	0.04	0.02	71	19	0.0
7	30	8	212	4	0.15	0.65	0.13	0.01	72	18	0.0
8	6	8	219	4	0.13	0.35	0.0	0.0	60	18	0.0
8	14	8	227	4	0.10	0.21	0.0	0.0	80	19	0.0
8	20	8	233	4	0.11	0.54	0.0	0.0	82	18	0.0
8	28	8	241	4	0.01	0.17	0.0	0.06	70	20	0.0
9	5	8	249	4	0.32	0.72	0.02	0.0	71	19	0.0
9	12	8	256	4	0.0	0.23	0.04	0.0	67	18	0.0
9	18	8	262	4	0.27	0.45	0.0	0.01	60	18	0.0
9	26	8	270	4	0.02	0.0	0.03	0.01	58	20	0.0
10	3	8	277	4	0.01	0.0	0.02	0.0	68	21	0.0
10	10	8	284	4	0.0	0.02	0.04	0.01	70	18	0.0
10	17	8	291	4	0.0	0.04	0.05	0.03	75	20	0.0
10	24	8	298	4	0.13	0.02	0.05	0.02	60	20	0.0
10	31	8	305	4	0.13	0.42	0.05	0.02	67	20	0.0
11	14	8	319	4	0.12	0.12	0.05	0.0	60	18	0.0
11	21	8	326	4	0.10	0.02	0.07	0.07	65	20	0.0
12	5	8	340	4	0.22	0.28	0.0	0.0	60	18	0.0
12	12	8	347	4	0.04	0.02	0.0	0.0	52	20	0.0
12	18	8	353	4	0.0	0.05	0.0	0.0	48	18	0.0
12	26	8	361	4	0.0	0.57	0.0	0.0	49	18	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
12	13	7	347	4	7.1	42.0	0.5	2.0	10.0	92.0	0.0
12	20	7	354	4	6.9	30.0	0.5	1.0	6.0	20.0	0.0
1	12	8	12	4	6.6	32.0	0.5	1.0	6.0	184.0	0.0
1	19	8	19	4	6.5	29.0	0.5	2.0	7.0	12.0	0.0
2	8	8	40	4	7.0	34.0	0.5	3.0	8.0	12.0	81.0
4	2	8	93	4	6.3	33.0	0.5	3.0	7.0	6.0	210.0
4	23	8	114	4	6.2	33.0	0.5	3.0	7.0	8.0	100.0
5	14	8	135	4	6.3	32.0	0.5	3.0	8.0	8.0	72.0
5	20	8	150	4	6.1	36.0	0.5	2.0	8.0	5.0	108.0
4	4	8	158	4	6.2	34.0	0.5	2.0	8.0	8.0	38.0
4	12	8	164	4	6.1	26.0	0.5	2.0	8.0	10.0	110.0
6	10	8	170	4	6.2	37.0	0.5	2.0	8.0	36.0	42.0
6	25	8	177	4	6.2	24.0	0.5	1.0	8.0	20.0	34.0
7	2	8	185	4	6.2	28.0	0.5	2.0	7.0	24.0	62.0
7	11	8	193	4	6.2	3 .	0.5	2.0	8.0	26.0	13.0
7	18	8	200	4	6.2	35.0	0.5	2.0	8.0	7.0	15.0
7	25	8	207	4	6.2	30.0	0.	2.0	8.0	4.0	17.0
7	31	8	213	4	6.1	3 .0	0.0	2.0	8.0	5.0	8.0
8	4	8	218	4	6.1	34.0	0.0	2.0	8.0	37.0	16.0
8	14	8	227	4	6.	33.0	0.	3.0	8.0	47.0	25.0
8	21	8	234	4	6.	34.	0.	2.0	8.0	11.	20.0
8	28	8	241	4	6.0	36.0	0.0	2.0	8.0	.	17.0
9	5	8	249	4	6.	33.0	0.	2.0	10.0	48.0	16.
9	12	8	256	4	6.0	34.0	0.	1.0	8.0	9.0	0.0
9	18	8	262	4	6.	33.0	0.	2.0	8.0	12.	21.0
9	24	8	27	4	6.0	33.0	0.	2.0	8.0	9.	17.0
9	31	8	274	4	6.	32.0	0.	2.0	10.0	7.0	14.
10	8	8	281	4	6.1	34.	0.	2.0	8.0	8.	16.0
10	11	8	284	4	6.	31.	0.	2.0	10.0	9.	24.
10	17	8	291	4	6.1	0.	0.	2.0	8.0	8.	21.0
10	24	8	298	4	6.0	36.	0.	2.0	8.0	5.0	0.0
10	31	8	305	4	6.0	35.	0.	2.0	9.	5.	44.
11	7	8	312	4	6.2	3 .	0.	2.0	8.0	5.0	30.
11	14	8	319	4	6.2	112.	0.	2.0	7.	5.	0.
11	21	8	326	4	6.0	37.	0.	2.0	8.	5.	40.
12	5	8	340	4	6.0	33.	0.	2.0	7.0	5.	51.
12	12	8	347	4	6.0	41.	0.	2.	4.	5.	64.
12	19	8	354	4	6.0	37.	0.	2.	4.	5.	32.
12	26	8	361	4	6.3	34.	0.	2.	4.	4.	52.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
12	13	7	347	4	0.0	0.5	35.0	0.0	180.0	0.0	0.0
12	27	7	361	4	0.0	0.0	20.0	0.0	210.0	0.0	0.0
1	10	8	10	4	0.0	0.0	32.0	0.0	0.0	0.0	0.0
1	10	8	10	4	0.0	0.0	23.0	0.0	190.0	0.0	0.0
2	0	8	42	4	0.0	0.0	27.0	0.0	181.0	0.0	0.0
4	2	8	93	4	0.0	0.0	0.0	0.0	95.0	0.0	0.0
4	23	8	114	4	0.0	0.0	148.0	0.0	142.0	0.0	0.0
5	14	8	136	4	0.0	0.0	145.0	0.0	128.0	0.0	0.0
5	30	8	152	4	0.0	0.0	148.0	10.0	150.0	0.0	5.0
6	6	8	159	4	0.0	0.0	134.0	0.0	99.0	0.0	13.0
6	12	8	164	4	0.0	0.0	140.0	0.0	160.0	0.0	0.0
6	19	8	171	4	0.0	0.0	34.0	0.0	90.0	0.0	0.0
6	26	8	178	4	0.0	0.0	122.0	0.0	84.0	0.0	0.0
7	3	8	185	4	0.0	0.0	0.0	11.0	434.0	0.0	0.0
7	11	8	193	4	0.0	0.0	174.0	0.0	150.0	0.0	0.0
7	18	8	200	4	0.0	0.0	0.0	0.0	134.0	0.0	0.0
7	25	8	207	4	0.0	0.0	194.0	0.0	104.0	0.0	0.0
8	2	8	214	4	0.0	0.0	96.0	0.0	528.0	0.0	0.0
8	8	8	220	4	0.0	0.0	0.0	0.0	244.0	0.0	0.0
8	14	8	227	4	0.0	0.0	141.0	0.0	182.0	0.0	0.0
8	22	8	235	4	0.0	0.0	19.0	0.0	170.0	0.0	0.0
8	29	8	242	4	0.0	0.0	0.0	0.0	91.0	0.0	0.0
9	5	8	249	4	0.0	0.0	0.0	0.0	134.0	0.0	0.0
9	12	8	256	4	0.0	0.0	0.0	0.0	112.0	0.0	33.0
9	19	8	263	4	0.0	0.1	44.0	0.0	120.0	0.0	0.0
9	25	8	269	4	0.0	0.5	1.0	0.0	88.0	0.0	0.0
9	31	8	274	4	0.0	0.0	1.0	0.0	121.0	0.0	0.0
10	7	8	281	4	0.0	0.0	88.0	0.0	156.0	0.0	0.0
10	14	8	288	4	0.0	0.0	80.0	0.0	170.0	0.0	0.0
10	21	8	295	4	0.0	0.0	83.0	0.0	0.0	0.0	0.0
10	28	8	302	4	0.0	0.0	80.0	0.0	0.0	0.0	0.0
11	4	8	309	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	7	8	312	4	0.0	0.0	0.0	0.0	136.0	0.0	0.0
11	14	8	319	4	0.0	0.0	80.0	0.0	142.0	0.0	0.0
11	21	8	326	4	0.0	0.2	1.0	0.0	134.0	0.0	0.0
11	26	8	331	4	0.0	0.0	4.0	0.0	190.0	0.0	1.0
12	5	8	340	4	0.0	0.4	44.0	0.0	128.0	0.0	0.0
12	12	8	347	4	0.0	0.4	0.0	0.0	116.0	0.0	0.0
12	19	8	354	4	0.0	0.2	0.0	0.0	110.0	0.0	0.0
12	26	8	361	4	0.1	0.4	24.0	0.0	124.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	5	0.40	0.0	0.0	0.17	0	14	0.0
12	20	7	354	5	10.00	0.0	0.0	0.01	0	17	0.0
1	19	8	12	5	0.15	0.0	0.0	0.0	0	20	0.0
2	9	8	40	5	0.14	0.0	0.0	0.0	0	20	0.0
4	23	8	114	5	0.12	0.74	0.03	0.03	0	23	0.0
5	14	8	135	5	0.10	1.14	0.05	0.03	78	18	0.0
5	29	8	150	5	0.0	0.0	0.0	0.0	64	14	0.0
6	4	8	158	5	0.0	0.0	0.0	0.0	63	15	0.0
6	12	8	164	5	0.0	0.0	0.0	0.1	49	14	0.0
6	18	8	170	5	0.0	0.0	0.0	0.0	42	16	0.0
6	25	8	177	5	0.0	0.63	0.09	0.07	62	17	0.0
7	3	8	185	5	0.12	0.78	0.07	0.0	50	16	0.0
7	11	8	193	5	0.11	0.58	0.02	0.0	0	15	0.0
8	14	8	227	5	0.10	0.10	0.0	0.0	60	16	0.0
9	12	8	256	5	0.28	0.04	0.0	0.0	50	15	0.0
10	10	8	284	5	0.0	0.05	0.02	0.02	50	19	0.0
11	7	8	312	5	0.0	0.02	0.02	0.03	50	18	0.0
12	5	8	340	5	0.22	0.04	0.0	0.0	50	0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
12	13	7	347	5	7.6	28.0	0.5	2.0	5.0	92.0	0.0
12	20	7	354	5	7.1	30.0	0.5	3.0	4.0	200.0	0.0
1	10	8	12	5	6.8	23.0	0.5	2.0	14.0	8.0	0.0
2	9	8	40	5	6.9	32.0	0.5	3.0	7.0	8.0	64.0
4	23	8	114	5	6.7	22.0	0.5	3.0	7.0	7.0	71.0
5	14	8	135	5	6.5	25.0	0.5	3.0	7.0	7.0	34.0
5	20	8	150	5	6.2	21.0	0.5	3.0	7.0	6.0	61.0
6	4	8	158	5	6.1	33.0	0.5	3.0	7.0	8.0	82.0
6	12	8	164	5	6.1	22.0	0.5	2.0	7.0	8.0	108.0
6	18	8	170	5	6.1	24.0	0.5	2.0	7.0	10.0	78.0
6	25	8	177	5	6.2	24.0	0.5	2.0	7.0	10.0	63.0
7	3	8	185	5	6.0	25.0	0.5	2.0	7.0	24.0	68.0
7	11	8	193	5	6.0	25.0	0.5	2.0	7.0	28.0	72.0
8	14	8	227	5	6.0	25.0	0.0	3.0	7.0	21.0	58.0
9	12	8	256	5	6.0	25.0	0.0	1.0	7.0	10.0	69.0
10	1	8	284	5	6.0	25.0	0.0	2.0	6.0	7.0	45.0
11	7	8	312	5	6.0	22.0	0.0	2.0	6.0	6.0	39.0
12	5	8	340	5	6.0	25.0	0.0	1.0	5.0	4.0	51.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE AMMON	COD	BOD	RES	%VOL	MPN
12	13	7	347	5	0.0	0.5	35.0	0.0	107.0	0.0	0.0
12	20	7	354	5	0.0	0.5	0.0	0.0	416.0	0.0	0.0
1	19	8	12	5	0.0	0.0	22.0	0.0	70.0	0.0	0.0
2	9	8	40	5	0.0	0.7	41.0	0.0	72.0	0.0	0.0
4	23	8	114	5	0.0	0.0	36.0	0.0	128.0	0.0	0.0
5	14	8	135	5	0.0	0.0	137.0	0.0	87.0	0.0	0.0
5	29	8	150	5	0.0	0.0	140.0	9.0	92.0	0.0	8.0
6	4	8	158	5	0.0	0.0	142.0	0.0	118.0	0.0	33.0
6	12	8	164	5	0.0	0.0	138.0	0.0	130.0	0.0	0.0
6	18	8	170	5	0.0	0.0	145.0	9.0	120.0	0.0	0.0
6	25	8	177	5	0.0	0.0	0.0	0.0	108.0	0.0	0.0
7	3	8	185	5	0.0	0.0	0.0	7.0	124.0	0.0	0.0
7	11	8	193	5	0.0	0.0	137.0	0.0	160.0	0.0	0.0
8	14	8	227	5	0.0	0.0	142.0	0.0	139.0	0.0	0.0
9	12	8	256	5	0.0	0.0	67.0	0.0	128.0	0.0	0.0
10	10	8	284	5	0.0	0.0	100.0	0.0	128.0	0.0	0.0
11	7	8	312	5	0.0	0.0	28.0	0.0	116.0	0.0	0.0
12	5	8	340	5	0.0	0.0	0.0	0.0	131.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO2 MG/L
12	13	7	347	6	0.40	0.0	0.0	0.40	0	14	0.0
12	20	7	354	6	1.00	0.0	0.0	0.01	0	20	0.0
1	19	8	19	6	0.15	0.0	0.0	0.0	0	20	0.0
2	9	8	40	6	0.14	0.0	0.0	0.01	0	18	0.0
4	23	8	114	6	0.04	0.32	0.03	0.03	0	22	0.0
5	29	8	150	6	0.0	0.0	0.0	0.0	72	21	0.0
6	4	8	158	6	0.0	0.0	0.0	0.0	72	22	0.0
6	12	8	164	6	0.0	0.0	0.0	0.0	58	19	0.0
6	25	8	177	6	0.02	0.35	0.0	0.01	58	17	0.0
7	3	8	185	6	0.04	0.66	0.05	0.02	55	17	0.0
7	11	8	193	6	0.03	0.63	0.04	0.0	0	16	0.0
8	14	8	227	6	0.14	0.24	0.03	0.0	65	19	0.0
9	12	8	256	6	0.44	0.29	0.0	0.0	60	18	0.0
10	10	8	284	6	0.10	0.0	0.06	0.02	55	19	0.0
11	7	8	312	6	0.10	0.03	0.0	0.02	55	18	0.0
12	5	8	340	6	0.06	0.02	0.0	0.0	55	18	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
12	13	7	347	6	7.1	22.0	0.5	4.0	6.0	115.0	0.0
12	20	7	354	6	6.4	0.0	0.5	3.0	4.0	168.0	0.0
1	19	8	10	6	6.8	25.0	0.5	4.0	6.0	14.0	68.0
2	9	8	40	6	7.0	32.0	0.5	4.0	8.0	13.0	54.0
4	23	8	114	6	6.3	24.0	0.5	4.0	8.0	8.0	70.0
5	20	8	150	6	6.3	25.0	0.5	3.0	8.0	9.0	52.0
6	4	8	158	6	6.3	25.0	0.5	3.0	8.0	9.0	53.0
6	12	8	164	6	6.2	26.0	0.5	3.0	8.0	10.0	48.0
6	25	8	177	6	6.1	24.0	0.5	3.0	9.0	28.0	22.0
7	3	8	185	6	6.1	25.0	0.5	3.0	10.0	28.0	38.0
7	11	8	193	6	6.0	26.0	0.5	3.0	8.0	26.0	31.0
8	14	8	227	6	6.0	24.0	0.5	3.0	8.0	10.0	32.0
9	12	8	256	6	6.0	25.0	0.0	2.0	8.0	9.0	28.0
10	10	8	284	6	5.0	26.0	0.0	3.0	7.0	4.0	36.0
11	7	8	312	6	5.0	23.0	0.0	3.0	5.0	4.0	31.0
12	5	8	340	6	5.0	28.0	0.0	2.0	5.0	3.0	26.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMIN	COD	BOD	RES	%VOL	MPN
12	12	7	347	6	0.0	0.5	23.0	0.0	135.0	0.0	0.0
12	2	7	354	6	.8	0.9	41.0	0.0	609.0	0.0	0.0
1	10	8	10	6	.	.	12.0	0.0	130.0	0.0	0.0
2	0	8	40	6	.	1.0	23.0	0.0	97.0	0.0	0.0
4	23	8	114	6	.	.	48.0	0.0	130.0	0.0	0.0
5	20	8	150	6	.	.	137.0	8.0	108.0	0.0	23.0
6	4	8	159	6	0.0	0.0	136.0	0.0	98.0	0.0	33.0
6	12	8	164	6	.	.	139.0	7.0	95.0	0.0	0.0
6	25	8	177	6	.	.	122.0	0.0	84.0	0.0	0.0
7	3	8	185	6	.	.	0.0	12.0	131.0	0.0	0.0
7	11	8	193	6	.	.	137.0	0.0	127.0	0.0	0.0
8	14	8	227	6	.	.	146.0	0.0	126.0	0.0	0.0
9	12	8	256	6	.	.	120.0	0.0	115.0	0.0	32.0
10	1	8	284	6	.	.	86.0	0.0	134.0	0.0	0.0
11	7	8	312	6	.	.	30.0	0.0	108.0	0.0	0.0
12	5	8	340	6	.	0.1	10.0	0.0	98.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	7	1.00	0.0	0.0	0.54	0	12	0.0
12	20	7	354	7	1.10	0.0	0.0	0.01	0	11	0.0
1	19	8	19	7	0.28	0.0	0.0	0.01	0	18	0.0
2	9	8	40	7	0.01	0.0	0.0	0.0	0	20	0.0
4	23	8	114	7	0.04	0.28	0.04	0.03	0	24	0.0
5	29	8	150	7	0.0	0.0	0.0	0.0	69	19	0.0
6	4	8	158	7	0.0	0.0	0.0	0.0	63	17	0.0
6	12	8	164	7	0.0	0.0	0.0	0.0	62	16	0.0
6	25	8	177	7	0.46	0.21	0.0	0.0	48	18	0.0
7	3	8	185	7	0.04	0.55	0.0	0.0	50	17	0.0
8	14	8	227	7	0.14	0.26	0.0	0.0	55	17	0.0
9	12	8	256	7	0.31	0.24	0.04	0.0	45	18	0.0
10	10	8	284	7	0.0	0.02	0.02	0.02	50	17	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	FE4	SO4	CL	NA	SS
12	12	7	347	7	7.0	30.0	0.5	1.0	6.0	23.0	0.0
12	20	7	354	7	6.5	0.0	0.5	3.0	6.0	196.0	0.0
1	10	8	10	7	6.0	23.0	0.5	2.0	12.0	10.0	25.0
2	3	8	40	7	7.0	22.0	0.5	4.0	7.0	12.0	34.0
4	23	8	114	7	6.5	22.0	0.5	4.0	8.0	7.0	46.0
5	20	8	150	7	6.3	26.0	0.5	4.0	8.0	8.0	32.0
6	4	8	158	7	6.1	24.0	0.5	3.0	8.0	10.0	38.0
6	12	8	164	7	6.1	24.0	0.5	3.0	8.0	10.0	228.0
6	25	8	177	7	6.2	24.0	0.5	2.0	6.0	26.0	29.0
7	3	8	185	7	6.1	25.0	0.5	3.0	6.0	28.0	42.0
8	14	8	227	7	6.0	28.0	0.0	3.0	8.0	9.0	52.0
9	12	8	256	7	6.0	24.0	0.0	1.0	8.0	18.0	38.0
10	11	8	284	7	5.9	25.0	0.0	2.0	7.0	8.0	20.0
11	7	8	312	7	6.0	25.0	0.0	1.0	6.0	9.0	18.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NH4N	COD	BOD	RES	EVOL	MPN
12	13	7	347	7	0.5	0.5	35.0	0.0	60.0	0.0	0.0
12	27	7	361	7	0.5	0.5	0.0	0.0	220.0	0.0	0.0
1	10	8	10	7	0.	0.	24.0	0.0	110.0	0.0	0.0
2	9	8	41	7	0.	0.5	68.0	0.0	100.0	0.0	0.0
4	23	8	114	7	0.	0.0	148.0	0.0	130.0	0.0	0.0
5	20	8	151	7	0.	0.0	142.0	10.0	90.0	0.0	46.0
6	4	8	159	7	0.0	0.0	137.0	0.0	112.0	0.0	46.0
6	12	8	164	7	0.	0.0	145.0	5.0	90.0	0.0	0.0
6	25	8	177	7	0.	0.0	122.0	0.0	80.0	0.0	0.0
7	3	8	185	7	0.	0.0	0.0	9.0	150.0	0.0	0.0
8	14	8	227	7	0.	0.0	148.0	0.0	120.0	0.0	0.0
9	12	8	256	7	0.	0.0	92.0	0.0	98.0	0.0	0.0
10	11	8	284	7	0.	0.0	84.0	0.0	86.0	0.0	0.0
11	7	8	312	7	0.	0.0	4.0	0.0	82.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	MI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	8	4.40	0.0	0.	0.43		14	.
12	20	7	354	8	1.10	0.0	0.	0.1	0	18	0.
1	19	8	19	8	0.15	0.0	0.	0.1	0	12	.
2	9	8	40	8	0.01	0.0	0.	0.	0	2	.
4	2	8	93	8	0.02	0.28	0.	0.2	76	12	.
4	23	8	114	8	0.04	1.08	0.3	0.3	0	14	.
5	14	8	135	8	0.05	0.81	0.5	0.3	82	15	.
5	29	8	150	8	0.0	0.0	0.0	0.	87	15	.
6	4	8	158	8	0.0	0.	0.	0.	84	17	.
6	12	8	164	8	0.0	0.	0.	0.	88	18	.
6	18	8	170	8	0.14	0.14	0.	0.	80	20	0.
6	25	8	177	8	0.18	0.3	0.3	0.	88	20	.
7	3	8	185	8	0.16	0.29	0.2	0.	7	21	.
7	11	8	193	8	0.04	0.5	0.	0.	1	14	.
7	18	8	200	8	0.10	0.7	0.	0.1	75	14	.
7	24	8	206	8	0.03	0.63	0.	0.	7	15	.
7	30	8	212	8	0.1	0.6	0.	0.	79	14	.
8	6	8	219	8	0.02	0.24	0.	0.	8	15	.
8	14	8	227	8	0.03	0.1	0.	0.	75	15	.
8	20	8	233	8	0.07	0.44	0.	0.	86	16	.
8	28	8	241	8	0.06	0.3	0.	0.	91	15	.
9	5	8	249	8	0.11	0.81	0.	0.	79	15	.
9	12	8	256	8	0.35	0.17	0.6	0.3	65	16	.
9	18	8	262	8	0.2	0.23	0.2	0.	82	15	.
9	26	8	270	8	0.0	0.3	0.6	0.	68	15	.
10	3	8	277	8	0.1	0.	0.	0.	7	14	.
10	10	8	284	8	0.	0.3	0.5	0.	7	15	0.
10	17	8	291	8	0.13	0.02	0.1	0.2	65	14	.
10	24	8	298	8	0.1	0.14	0.4	0.3	65	14	.
10	31	8	305	8	0.1	0.2	0.4	0.	65	14	.
11	14	8	319	8	0.1	0.	0.2	0.4	7	13	.
11	21	8	326	8	0.	0.	0.	0.	0	0	.
12	5	8	340	8	0.06	0.	0.	0.	0	0	.
12	12	8	347	8	0.6	0.4	0.	0.	7	17	.
12	18	8	353	8	0.0	0.2	0.	0.	87	0	.
12	26	8	361	8	0.11	0.	0.	0.	71	24	.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
12	13	7	347	8	7.2	33.	0.5	2.0	6.0	138.0	0.0
12	2	7	354	9	6.4	0.	0.5	1.0	6.0	154.0	0.0
1	19	8	19	8	6.8	33.	0.5	1.	28.0	12.	202.0
2	6	8	40	9	7.0	36.	0.5	2.	13.	13.0	63.0
4	2	8	93	8	6.	35.	0.5	2.	12.0	8.0	130.0
4	23	8	114	8	6.	35.	0.5	2.	12.0	8.0	78.0
5	14	8	135	8	6.	33.	0.5	2.	12.0	8.0	83.0
5	30	8	151	8	6.	33.	0.5	3.	12.0	8.0	92.0
6	4	8	156	8	6.2	32.	0.5	4.	12.0	10.	79.0
6	12	8	164	8	6.1	34.	0.5	4.	12.0	26.	54.0
6	18	8	17	8	6.1	34.	0.5	4.	12.	10.	74.
6	26	8	177	8	6.1	34.	0.5	4.	12.	10.	43.
7	2	8	185	8	6.1	35.	0.5	4.	13.0	26.	58.
7	11	8	193	8	6.1	33.	0.5	3.	14.0	23.	76.
7	18	8	200	8	6.1	34.	0.	3.	14.0	11.	85.
7	26	8	208	8	6.	33.	0.	3.	13.	6.	62.
7	31	8	213	8	6.	33.	0.	3.	14.	6.	40.
8	8	8	221	8	6.	35.	0.	4.	13.	50.	68.
8	16	8	229	8	6.	34.	0.	5.	14.	21.	74.
8	22	8	235	8	6.	33.	0.	4.	13.	6.	37.
8	29	8	242	8	6.	34.	0.	4.	14.	10.	50.
9	6	8	250	8	6.	34.	0.	4.	14.	11.	62.
9	13	8	257	8	6.	34.	0.	4.	14.	10.	42.
9	19	8	263	8	6.	34.	0.	4.	15.	11.	37.
9	26	8	270	8	6.	33.	0.	4.	14.	49.	31.
10	3	8	277	8	6.	34.	0.	4.	12.	6.	40.
10	10	8	284	8	6.	33.	0.	3.	13.	6.	44.
10	17	8	291	8	6.	33.	0.	4.	13.	6.	37.
10	24	8	298	8	6.	34.	0.	3.	13.	6.	21.
10	31	8	305	8	6.	33.	0.	4.	11.	6.	19.
11	7	8	312	8	6.	33.	0.	3.	13.	6.	30.
11	14	8	319	8	6.1	33.	0.	3.	13.	6.	28.
11	21	8	326	8	6.	33.	0.	3.	11.	6.	19.
11	28	8	333	8	6.	33.	0.	3.	11.	6.	22.
12	12	8	347	8	6.	34.	0.	4.	11.	6.	17.
12	19	8	353	8	6.	35.	0.	3.	12.	6.	21.
12	26	8	361	8	6.	34.	0.	4.	12.	6.	36.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMCN	COD	BOD	RES	%VOL	MPN
12	13	7	347	8	0.	0.5	60.	0.0	115.	0.0	0.0
12	2[illegible]	7	354	8	0.5	0.5	41.	0.0	24[illegible].	0.0	0.0
1	19	8	19	8	0.	0.0	34.	0.0	162.	0.0	0.0
2	9	8	4[illegible]	8	0.	0.8	82.	0.0	137.	0.0	0.0
4	2	8	93	8	0.	0.	0.	0.0	190[illegible].	0.0	0.0
4	23	8	114	8	0.	0.0	48.	0.0	14[illegible].	0.0	0.0
5	14	8	135	8	0.	0.0	45.	0.0	153.	0.0	0.0
5	20	8	15[illegible]	8	0.	0.0	137.	10.0	138.	0.0	13.0
6	4	8	158	8	0.	0.0	142.	0.0	16[illegible].	0.0	33.0
6	12	8	164	8	0.	0.0	45.	9.0	128.	0.0	0.0
6	18	8	17[illegible]	8	0.	0.0	133.	0.0	13[illegible].	0.0	0.0
6	25	8	177	8	0.	0.0	122.	0.0	108.	0.0	0.0
7	2	8	185	8	0.	0.	0.	8.0	21[illegible].	0.0	0.0
7	11	8	193	8	0.	0.	176.	0.0	217.	0.0	0.0
7	18	8	200	8	0.	0.0	0.	0.0	248.	0.0	0.0
7	25	8	207	8	0.	0.0	18[illegible].	0.0	176.	0.0	0.0
7	3[illegible]	8	212	8	0.	0.0	19.	0.0	156.	0.0	0.0
8	6	8	219	8	0.	0.0	0.	0.0	132.	0.0	0.0
8	14	8	227	8	0.	0.	16[illegible].	0.0	146.	0.0	0.0
8	2[illegible]	8	233	8	0.	0.0	0.	0.0	152.	0.	0.0
8	28	8	241	8	0.	0.	1[illegible].	0.0	181.	0.0	0.0
9	6	8	249	8	0.	0.	0.	0.0	128.	0.0	0.0
9	12	8	256	8	0.	0.	19.	0.	96.	0.0	0.0
9	18	8	262	8	0.	0.0	0.	0.0	176.	0.0	0.0
9	26	8	27[illegible]	8	0.	0.0	0.	0.	92.	0.0	0.0
1[illegible]	3	8	27[illegible]	8	0.	0.0	56.	0.	91.	0.0	0.0
1[illegible]	1[illegible]	8	284	8	0.	0.0	6[illegible].	0.0	1[illegible].	0.0	0.0
1[illegible]	1[illegible]	8	291	8	0.1	0.5	82.	0.0	97.	0.0	0.0
1[illegible]	24	8	2[illegible]	8	0.	0.0	45.	0.0	97.	0.	0.0
1[illegible]	31	8	2[illegible]	8	0.	0.2	32.	0.0	12[illegible].	0.0	0.0
11	7	8	312	8	0.	0.0	4[illegible].	0.0	136.	0.	0.0
11	14	8	319	8	0.	0.0	28.	0.	92.	0.0	0.0
11	21	8	326	8	0.	0.4	19.	0.0	98.	0.0	0.0
12	5	8	34[illegible]	8	0.	0.3	0.	0.0	96.	0.0	0.0
12	12	8	347	8	0.	0.0	12.	0.0	67.	0.0	0.0
12	18	8	35[illegible]	8	0.	0.5	23.	0.0	92.	0.0	0.0
12	2[illegible]	8	361	8	0.	0.0	28.	0.0	7[illegible].	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO2 MG/L
12	13	7	347	9	4.80	0.0	0.0	0.01	0	25	0.0
12	20	7	354	9	0.80	0.0	0.0	0.01	0	22	0.0
1	19	8	19	9	0.08	0.0	0.0	0.01	0	42	0.0
2	9	8	40	9	0.01	0.0	0.0	0.01	0	24	0.0
4	23	8	114	9	0.04	1.12	0.03	0.03	0	23	0.0
5	14	8	135	9	4.60	1.38	0.05	0.03	74	23	0.0
5	29	8	150	9	0.0	0.0	0.0	0.0	76	23	0.0
6	4	8	158	9	0.0	0.0	0.0	0.0	71	19	0.0
6	12	8	164	9	0.0	0.0	0.0	0.0	56	20	0.0
6	25	8	177	9	0.06	0.66	0.0	0.01	58	19	0.0
7	3	8	185	9	0.09	0.61	0.0	0.01	55	14	0.0
7	11	8	193	9	0.04	0.63	0.0	0.01	0	12	0.0
8	14	8	227	9	0.10	0.26	0.0	0.0	60	14	0.0
9	12	8	256	9	0.26	0.17	0.06	0.0	50	16	0.0
10	10	8	284	9	0.10	0.07	0.0	0.02	56	14	0.0
11	7	8	312	9	0.10	0.01	0.0	0.	50	16	0.0
12	5	8	340	9	0.06	0.0	0.0	0.0	50	14	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	BO4	SO4	CL	NA	SS
12	13	7	347	9	7.6	30.0	0.5	2.0	11.0	161.0	0.0
12	2[illegible]	7	354	9	6.4	[illegible]	0.5	1.0	6.0	173.0	0.[illegible]
1	10	8	10	9	6.5	34.0	0.6	1.0	8.0	10.0	104.0
2	6	8	40	9	7.0	30.0	0.5	3.0	9.0	13.0	74.0
4	23	8	114	9	6.4	26.0	0.5	3.0	9.0	6.0	86.0
5	14	8	135	9	6.4	25.0	0.5	3.0	8.0	6.0	91.0
5	28	8	150	9	6.4	25.0	0.5	2.0	8.0	7.0	66.0
6	4	8	158	9	6.1	24.0	0.5	2.0	9.0	7.0	110.0
6	12	8	166	9	6.1	24.0	0.5	2.0	9.0	6.0	53.0
6	25	8	177	9	6.1	26.0	0.6	1.0	9.0	28.0	76.0
7	3	8	185	9	6.[illegible]	26.0	0.6	2.0	10.0	28.0	19.0
7	11	8	193	9	6.0	24.0	0.5	2.0	9.0	28.0	23.0
8	16	8	227	9	6.[illegible]	24.0	0.6	3.0	10.0	26.0	25.0
9	12	8	256	9	6.0	28.0	0.0	1.0	10.0	8.0	19.0
1	17	8	284	9	6.[illegible]	23.0	0.7	2.0	10.0	4.0	29.0
11	[illegible]	8	312	9	6.[illegible]	44.0	0.6	2.0	10.0	4.0	21.0
12	9	8	34[illegible]	9	6.[illegible]	47.0	0.0	2.0	9.0	4.0	26.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
12	13	7	347	9	0.0	0.5	35.	0.0	130.0	0.0	0.0
12	20	7	354	9	0.5	0.7	34.0	0.0	330.0	0.0	0.0
1	10	8	10	9	0.0	0.0	54.0	0.0	130.0	0.0	0.0
2	6	8	47	9	0.0	0.0	48.	0.0	122.0	0.0	0.0
4	23	8	114	9	0.	0.0	145.	0.0	11 .0	0.0	0.0
5	14	8	135	9	0.	0.0	139.	0.0	12 .0	0.0	0.0
5	20	8	150	9	0.0	0.0	142.	3.0	94 .0	0.0	8.0
6	4	8	159	9	0.	0.0	145.	0.0	130.0	0.0	23.0
6	12	8	164	9	0.	0.0	145.	7.	130.0	0.0	0.0
6	26	8	177	9	0.	0.0	0.	0.0	191.0	0.0	0.0
7	3	8	185	9	0.	0.0	0.	12.0	135.0	0.0	0.0
7	11	8	193	9	0.	0.0	148.	0.0	140.0	0.0	0.0
8	14	8	227	9	0.	0.0	138.0	0.0	132.0	0.0	0.0
9	12	8	256	9	0.	0.0	15 .0	0.0	120.0	0.0	4.0
10	1	8	284	9	0.	0.0	80.	0.0	98.	0.0	0.0
11	7	8	312	9	0.	0.0	91.0	0.0	82.	0.0	0.0
12	5	8	340	9	0.	0.1	0.	0.0	81.0	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	13	7	347	10	3.70	0.0	0.0	2.45	0	14	0.0
12	20	7	354	10	0.80	0.0	0.0	0.01	0	22	0.0
1	12	8	12	10	0.88	0.0	0.0	0.01	0	12	0.0
1	19	8	19	10	0.22	0.0	0.0	0.01	0	22	0.0
2	9	8	40	10	0.0	0.0	0.0	0.0	0	24	0.0
4	2	8	93	10	0.14	0.52	0.0	0.01	78	18	0.0
4	23	8	114	10	0.04	1.04	0.08	0.03	0	22	0.0
5	14	8	135	10	0.07	1.24	0.05	0.03	95	20	0.0
5	29	8	150	10	0.0	0.0	0.0	0.0	89	20	0.0
6	4	8	158	10	0.0	0.0	0.0	0.0	88	21	0.0
6	12	8	164	10	0.0	0.0	0.0	0.0	88	22	0.0
6	18	8	170	10	0.02	0.45	0.08	0.02	65	20	0.0
6	25	8	177	10	0.0	0.19	0.0	0.01	72	21	0.0
7	3	8	185	10	0.0	0.0	0.0	0.0	68	18	0.0
7	11	8	190	10	0.0	0.0	0.0	0.0	0	0	0.0
7	18	8	197	10	0.0	0.0	0.0	0.0	0	0	0.0
7	24	8	203	10	0.13	0.57	0.0	0.09	78	20	0.0
7	30	8	209	10	0.11	0.55	0.0	0.01	78	20	0.0
8	14	8	227	10	0.04	0.09	0.0	0.0	75	19	0.0
8	20	8	233	10	0.07	0.51	0.0	0.0	80	19	0.0
8	28	8	241	10	0.07	0.16	0.0	0.0	83	21	0.0
9	5	8	249	10	0.15	0.57	0.04	0.0	85	20	0.0
9	12	8	256	10	0.24	0.17	0.02	0.0	70	20	0.0
9	18	8	262	10	0.02	0.15	0.03	0.01	85	21	0.0
9	26	8	270	10	0.0	0.0	0.03	0.0	75	20	0.0
9	30	8	274	10	0.0	0.0	0.0	0.0	70	20	0.0
10	3	8	277	10	0.0	0.01	0.11	0.0	75	21	0.0
10	10	8	284	10	0.0	0.0	0.10	0.0	75	22	0.0
10	17	8	291	10	0.10	0.14	0.05	0.01	65	20	0.0
10	24	8	298	10	0.12	0.02	0.06	0.05	70	20	0.0
10	31	8	305	10	0.12	0.03	0.02	0.01	65	21	0.0
11	7	8	312	10	0.20	0.02	0.05	0.01	70	20	0.0
11	14	8	319	10	0.01	0.05	0.05	0.05	72	18	0.0
11	21	8	326	10	0.0	0.0	0.05	0.04	65	20	0.0
12	5	8	340	10	0.06	0.0	0.0	0.0	65		0.0
12	12	8	347	10	0.04	0.0	0.0	0.0	62	22	0.0
12	18	8	353	10	0.0	0.0	0.0	0.0	65		0.0
12	26	8	361	10	0.0	0.0	0.0	0.0	62	21	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	FE4	SO4	CL	HA	SS
12	13	7	347	1	7.1	30.	0.5	3.	11.	3.	0.
12	2	7	356	1	7.	.	0.5	3.	10.	196.	0.
1	12	8	12	1	6.3	36.	0.5	2.	8.	161.	0.
1	13	8	13	1	6.4	32.	0.5	3.	9.	1.	162.
2	9	8	40	1	7.	34.	0.5	4.	12.	8.	58.
4	2	8	93	1	7.	33.	0.5	4.	8.	5.	442.
4	23	8	114	1	6.2	35.	0.5	4.	12.	9.	32.
5	14	8	135	1	6.2	34.	0.5	4.	10.	8.	0.
6	25	8	156	1	6.2	34.	0.5	3.	9.	3.	42.
7	4	8	168	1	6.3	34.	0.5	3.	9.	9.	94.
8	12	8	224	1	6.4	33.	0.5	3.	9.	8.	74.
8	19	8	17	1	6.2	34.	0.5	3.	13.	28.	26.
8	24	8	177	1	6.2	34.	0.5	2.	10.	28.	31.
9	2	8	185	1	6.1	35.	0.5	2.	10.	24.	34.
9	10	8	193	1	6.1	34.	.	2.	10.	.	0.
9	25	8	207	1	6.1	33.	0.	2.	13.	7.	8.
9	30	8	212	1	6.1	35.	0.	2.	11.	7.	55.
10	6	8	218	1	6.	37.	0.	2.	10.	51.	45.
10	14	8	227	1	6.	36.	0.	2.	10.	56.	52.
10	21	8	233	1	6.	36.	0.	2.	10.	8.	32.
10	28	8	241	1	6.2	37.	0.	2.	10.	3.	31.
11	6	8	249	1	6.1	36.	0.	2.	10.	12.	42.
11	13	8	256	1	6.	36.	0.	1.	10.	1.	32.
11	19	8	262	1	6.	36.	0.	2.	10.	1.	38.
11	26	8	269	1	6.	36.	0.	1.	10.	3.	29.
12	4	8	276	1	6.	36.	0.	2.	10.	12.	29.
1	3	9	307	1	6.	37.	0.	2.	9.	6.	45.
1	15	9	319	1	6.	39.	0.	3.	9.	6.	6.
1	17	9	321	1	6.	39.	0.	2.	9.	6.	31.
1	24	9	328	1	6.	40.	0.	2.	9.	6.	6.
1	31	9	335	1	6.	36.	0.	1.	10.	6.	27.
11	7	9	313	1	6.	36.	0.	2.	10.	6.	6.
11	14	9	320	1	6.	34.	0.	2.	9.	6.	21.
11	21	9	327	1	6.	37.	0.	2.	9.	6.	15.
12	5	9	341	1	6.	40.	0.	1.	7.	6.	28.
12	12	9	347	1	6.	40.	0.	1.	9.	5.	6.
12	19	9	353	1	6.	35.	0.	2.	10.	6.	46.
12	26	9	360	1	6.1	32.	0.	2.	12.	6.	62.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N	PREC	NAMON	COD	BOD	RES	%VOL	MPN
12	17	7	347	10	0.0	0.7	70.0	0.0	1200.0	0.0	0.0	
12	23	7	354	10	0.0	0.7	0.0	0.0	416.0	0.0	0.0	
1	12	8	12	10	0.0	0.0	85.0	0.0	516.0	0.0	0.0	
1	19	8	19	10	0.0	0.0	34.0	0.0	830.0	0.0	0.0	
2	9	8	40	10	0.0	0.8	41.0	0.0	101.0	0.0	0.0	
4	2	8	93	10	0.0	0.0	0.0	0.0	1400.0	0.0	0.0	
4	23	8	114	10	0.0	0.0	148.0	0.0	470.0	0.0	0.0	
5	14	8	135	10	0.0	0.0	145.0	0.0	0.0	0.0	0.0	
5	20	8	150	10	0.0	0.0	136.0	13.0	210.0	0.0	17.0	
6	4	8	159	10	0.0	0.0	140.0	0.0	381.0	0.0	46.0	
6	12	8	164	10	0.0	0.0	143.0	12.0	130.0	0.0	0.0	
6	19	8	171	10	0.0	0.0	138.0	0.0	152.0	0.0	0.0	
6	26	8	177	10	0.0	0.0	122.0	0.0	136.0	0.0	0.0	
7	3	8	185	10	0.0	0.0	0.0	6.0	150.0	0.0	0.0	
7	10	8	20	10	0.0	0.0	0.0	0.0	158.0	0.0	0.0	
7	24	8	207	10	0.0	0.0	154.0	0.0	172.0	0.0	0.0	
7	31	8	212	10	0.0	0.0	0.0	0.0	156.0	0.0	0.0	
8	6	8	219	10	0.0	0.0	0.0	0.0	184.0	0.0	0.0	
8	14	8	227	10	0.0	0.0	132.0	0.0	221.0	0.0	0.0	
8	22	8	233	10	0.0	0.0	74.0	0.0	172.0	0.0	0.0	
8	28	8	241	10	0.0	0.5	54.0	0.0	177.0	0.0	0.0	
9	5	8	249	10	0.0	0.3	62.0	0.0	198.0	0.0	0.0	
9	12	8	256	10	0.0	0.1	48.0	0.0	126.0	0.0	0.0	
9	18	8	262	10	0.0	0.2	10.0	0.0	132.0	0.0	0.0	
9	26	8	27	10	0.0	0.5	26.0	0.0	164.0	0.0	0.0	
10	3	8	274	10	0.0	0.5	0.0	0.0	110.0	0.0	0.0	
10	9	8	277	10	0.0	0.0	80.0	0.0	124.0	0.0	0.0	
10	17	8	284	10	0.0	0.0	76.0	0.0	88.0	0.0	0.0	
10	23	8	291	10	0.0	0.0	43.0	0.0	84.0	0.0	0.0	
10	24	8	303	10	0.0	0.0	48.0	0.0	0.0	0.0	0.0	
10	31	8	305	10	0.0	0.0	93.0	0.0	114.0	0.0	0.0	
11	7	8	312	10	0.0	0.0	93.0	0.0	134.0	0.0	0.0	
11	14	8	319	10	0.0	0.2	79.0	0.0	116.0	0.0	0.0	
11	21	8	324	10	0.1	0.5	0.0	0.0	138.0	0.0	0.0	
12	5	8	340	10	0.1	0.3	0.0	0.0	121.0	0.0	0.0	
12	12	8	347	10	0.1	0.4	14.0	0.0	113.0	0.0	0.0	
12	19	8	353	10	0.1	0.4	0.0	0.0	127.0	0.0	0.0	
12	31	8	361	10	0.0	0.5	24.0	0.0	132.0	0.0	0.0	

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
12	20	7	347	11	0.0	0.0	0.0	0.01	0	21	0.0
1	12	8	354	11	0.39	0.0	0.0	0.01	0	20	0.0
1	19	8	12	11	0.79	0.0	0.0	0.01	0	22	0.0
2	9	8	40	11	0.0	0.0	0.04	0.0	0	40	0.0
4	2	8	93	11	0.06	0.70	0.04	0.01	76	34	0.0
4	23	8	114	11	0.08	1.41	0.12	0.03	0	33	0.0
5	14	8	135	11	5.30	1.52	0.10	0.03	104	34	0.0
5	29	8	150	11	0.0	0.0	0.0	0.0	88	34	0.0
6	4	8	158	11	0.0	0.0	0.0	0.0	93	23	0.0
6	12	8	164	11	0.0	0.0	0.0	0.0	77	26	0.0
6	18	8	170	11	0.20	0.09	0.03	0.0	70	25	0.0
6	25	8	177	11	0.72	0.55	0.29	0.05	77	18	0.0
7	3	8	185	11	0.08	0.74	0.03	0.0	70	19	0.0
7	11	8	193	11	0.0	0.0	0.0	0.0	70	14	0.0
7	18	8	203	11	0.21	0.80	0.16	0.0	81	6	0.0
9	12	8	256	11	0.37	0.51	0.08	0.0	65	14	0.0
10	10	8	284	11	0.10	0.03	0.11	0.02	70	21	0.0
11	7	8	312	11	0.10	0.02	0.10	0.0	70	22	0.0
12	5	8	340	11	0.17	0.0	0.0	0.0	70	19	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
12	2	7	347	11	7.0	0.0	0.5	2.0	7.0	0.0	0.0
1	12	8	12	11	6.6	32.0	0.5	2.0	13.0	138.0	0.0
1	19	8	19	11	5.0	34.0	0.5	2.0	10.0	10.0	0.0
2	9	8	40	11	7.0	36.0	0.5	5.0	11.0	13.0	47.0
4	2	8	93	11	6.5	39.0	0.5	5.0	7.0	10.0	341.0
4	23	8	114	11	6.5	41.0	0.5	5.0	8.0	12.0	108.0
5	14	8	135	11	6.5	42.0	0.5	4.0	8.0	8.0	75.0
5	29	8	150	11	6.5	42.0	0.5	4.0	8.0	8.0	113.0
6	6	8	158	11	6.3	42.0	0.5	3.0	8.0	9.0	76.0
6	12	8	164	11	6.3	42.0	0.5	3.0	8.0	11.0	0.0
6	19	8	171	11	6.2	42.0	0.5	3.0	8.0	9.0	62.0
6	25	8	177	11	6.2	41.0	0.5	3.0	9.0	24.0	77.0
7	3	8	185	11	6.3	42.0	0.5	2.0	9.0	28.0	65.0
7	11	8	193	11	6.1	44.0	0.5	3.0	7.0	26.0	80.0
8	13	8	256	11	6.1	38.0	0.5	3.5	8.0	10.0	52.0
10	10	8	284	11	6.2	36.0	0.5	2.0	7.0	5.0	47.0
11	7	8	312	11	6.2	44.0	0.5	2.0	8.0	5.0	40.0
12	5	8	340	11	6.2	42.0	0.5	2.0	8.0	6.0	51.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMEN	COD	BOD	RES	EVOL	MPN
12	2[illegible]	7	347	11	[illegible]	[illegible]	44.	0.0	[illegible]	0.0	0.0
1	12	8	12	11	[illegible]	[illegible]	56.	0.0	230.	0.0	0.0
1	1[illegible]	8	1[illegible]	11	[illegible]	[illegible]	[illegible]	0.0	1230.	0.0	0.0
2	[illegible]	8	[illegible]	11	[illegible]	1.[illegible]	69.	0.0	121.	0.0	0.0
4	2	8	[illegible]	11	[illegible]	[illegible]	[illegible]	0.0	235[illegible]	0.0	0.0
4	23	8	114	11	[illegible]	[illegible]	140.	0.0	56[illegible]	0.0	0.0
5	14	8	135	11	[illegible]	[illegible]	145.	0.0	361.	0.0	0.0
5	23	8	15[illegible]	11	[illegible]	[illegible]	148.	8.0	56[illegible]	0.0	13.0
[illegible]	[illegible]	8	156	11	[illegible]	[illegible]	14[illegible]	0.0	132.	0.0	13.0
[illegible]	13	8	164	11	[illegible]	[illegible]	164.	9.0	2[illegible]	0.0	0.0
[illegible]	19	8	17[illegible]	11	[illegible]	[illegible]	130.	0.0	15[illegible]	0.0	0.0
[illegible]	25	8	177	11	[illegible]	[illegible]	123.	0.0	216.	0.0	0.0
7	3	8	185	11	[illegible]	[illegible]	[illegible]	7.0	182.	0.0	0.0
7	11	8	193	11	[illegible]	[illegible]	[illegible]	0.0	217.	0.0	0.0
8	12	8	256	11	[illegible]	[illegible]	[illegible]	0.0	18[illegible]	0.0	44.0
10	1	8	294	11	[illegible]	[illegible]	[illegible]	0.0	147.	0.0	0.0
11	[illegible]	8	312	11	[illegible]	[illegible]	[illegible]	0.0	136.	0.0	0.0
12	[illegible]	8	34[illegible]	11	[illegible]	[illegible]	[illegible]	0.0	149.	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
7	3	8	185	12	0.0	0.20	0.0	0.02	0	14	0.0
1	11	8	193	12	0.04	0.80	0.04	0.02	0	13	0.0
7	18	8	200	12	0.08	0.76	0.03	0.0	52	12	0.0
7	24	8	206	12	0.14	3.20	0.08	0.01	61	15	0.0
7	30	8	212	12	0.26	0.77	0.04	0.01	57	14	0.0
8	6	8	219	12	0.13	0.43	0.03	0.01	70	14	0.0
8	14	8	227	12	0.24	0.45	0.0	0.01	60	15	0.0
8	20	8	233	12	0.18	0.77	0.0	0.0	76	16	0.0
8	28	8	241	12	0.07	0.72	0.0	0.0	70	22	0.0
9	5	8	249	12	0.35	0.65	0.04	0.01	78	16	0.0
9	12	8	256	12	0.45	0.72	0.0	0.0	50	18	0.0
9	18	8	262	12	0.10	0.95	0.04	0.01	70	14	0.0
9	26	8	270	12	0.0	0.0	0.05	0.0	78	16	0.0
9	30	8	274	12	0.0	0.0	0.0	0.0	78	16	0.0
10	10	8	284	12	0.20	0.05	0.07	0.05	85	16	0.0
10	3	8	277	12	0.0	0.01	0.05	0.0	78	18	0.0
10	17	8	291	12	0.35	0.02	0.05	0.02	75	20	0.0
10	24	8	298	12	0.10	0.03	0.02	0.02	90	0	0.0
10	31	8	305	12	0.10	0.03	0.06	0.02	80	0	0.0
11	7	8	312	12	0.10	0.03	0.07	0.0	70	0	0.0
11	14	8	319	12	0.10	0.0	0.05	0.01	80	0	0.0
11	21	8	326	12	0.20	0.03	0.06	0.02	85	0	0.0
12	5	8	340	12	0.0	0.14	0.0	0.0	70	0	0.0
12	12	8	347	12	0.06	0.16	0.0	0.0	78	54	0.0
12	18	8	353	12	0.0	0.12	0.0	0.0	70	0	0.0
12	26	8	361	12	0.0	0.15	0.0	0.0	53	26	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
7	3	8	185	12	6.5	62.0	0.0	4.0	14.0	28.0	210.0
7	11	8	193	12	6.3	48.0	0.0	4.0	14.0	29.0	193.0
7	18	8	200	12	6.2	30.0	0.0	4.0	14.0	5.0	137.0
7	25	8	207	12	6.1	31.0	0.0	4.0	15.0	9.0	115.0
7	30	8	212	12	6.1	29.0	0.0	3.0	13.0	9.0	141.0
8	4	8	216	12	6.1	34.0	0.0	3.0	14.0	39.0	286.0
8	14	8	227	12	6.0	36.0	0.0	2.0	15.0	18.0	162.0
8	20	8	233	12	6.0	37.0	0.0	3.0	14.0	9.0	137.0
8	28	8	241	12	6.0	36.0	0.0	3.0	14.0	10.0	163.0
9	5	8	249	12	6.0	35.0	0.0	3.0	14.0	10.0	124.0
9	12	8	256	12	5.9	34.0	0.0	1.0	14.0	7.0	130.0
9	19	8	263	12	6.0	35.0	0.0	2.0	13.0	8.0	141.0
9	26	8	270	12	6.0	40.0	0.0	1.0	14.0	10.0	111.0
9	30	8	274	12	6.0	38.0	0.0	2.0	12.0	10.0	120.0
10	3	8	277	12	6.0	53.0	0.0	3.0	12.0	4.0	113.0
10	10	8	284	12	6.0	53.0	0.0	2.0	12.0	6.0	134.0
10	17	8	291	12	6.0	38.0	0.0	3.0	13.0	5.0	124.0
10	24	8	298	12	5.9	52.0	0.0	2.0	12.0	7.0	0.0
10	31	8	305	12	6.0	40.0	0.0	2.0	14.0	5.0	104.0
11	7	8	312	12	6.0	41.0	0.0	2.0	10.0	5.0	83.0
11	14	8	319	12	6.0	45.0	0.0	3.0	9.0	5.0	72.0
11	21	8	326	12	6.0	32.0	0.0	2.0	9.0	6.0	91.0
12	5	8	340	12	6.0	34.0	0.0	2.0	8.0	3.0	110.0
12	12	8	347	12	6.0	34.0	0.0	2.0	9.0	4.0	96.0
12	19	8	353	12	6.0	31.0	0.0	2.0	9.0	4.0	92.0
12	26	8	361	12	5.0	33.0	0.0	2.0	10.0	4.0	74.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE NAMCN	COD	BOD	RES	EVOL	MPN
7	3	8	185	12	0.	0.	0.	340.	0.	0.0
7	11	8	193	12	0.	0.	138.	0.0	283.	0.0	0.0
7	18	8	200	12	0.	0.	0.	0.0	212.	0.0	0.0
7	25	8	207	12	0.	0.	204.	0.0	185.	0.0	0.0
7	31	8	212	12	0.	0.	34.	0.0	244.	0.0	0.0
8	4	8	216	12	0.	0.	0.	0.0	218.	0.0	0.0
8	14	8	227	12	0.	0.	186.	0.0	192.	0.0	0.0
8	20	8	233	12	0.	0.	76.	0.0	212.	0.0	0.0
8	28	8	241	12	0.	0.	54.	0.0	114.	0.0	0.0
9	5	8	249	12	0.	0.	0.	0.0	138.	0.0	0.0
9	12	8	256	12	0.	0.	24.	0.0	124.	0.0	0.0
9	18	8	262	12	0.	0.1	12.	0.0	120.	0.0	0.0
9	26	8	270	12	0.	0.	21.	0.0	134.	0.0	0.0
9	31	8	276	12	0.	0.	10.	0.0	130.	0.0	1.0
10	3	8	278	12	0.	0.1	82.	0.0	141.	0.0	0.0
10	10	8	284	12	0.	0.	82.	0.0	161.	0.0	0.0
10	17	8	291	12	0.	0.	0.	0.0	200.	0.0	0.0
10	24	8	298	12	0.	0.	100.	0.0	0.	0.0	0.0
10	31	8	305	12	0.	0.	24.	0.0	134.	0.0	0.0
11	7	8	312	12	0.	0.1	82.	0.0	122.	0.0	0.0
11	14	8	319	12	0.	0.1	68.	0.0	115.	0.0	0.0
11	21	8	326	12	0.	0.	68.	0.0	148.	0.0	0.0
12	5	8	340	12	0.	0.	14.	0.0	89.	0.	0.0
12	12	8	347	12	0.	0.1	0.	0.0	122.	0.	0.0
12	19	8	354	12	0.	0.1	10.	0.0	138.	0.	0.0
12	24	8	361	12	0.	0.	31.	0.0	113.	0.	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
7	3	8	185	13	0.12	0.48	0.04	0.02	0	14	0.1
7	11	8	193	13	0.04	0.61	0.02	0.02	0	38	0.0
7	18	8	200	13	0.06	0.61	0.08	0.0	76	12	0.2
7	24	8	206	13	0.29	3.90	0.0	0.02	30	14	0.0
7	30	8	212	13	0.41	0.77	0.04	0.02	62	13	0.2
8	6	8	219	13	0.45	0.46	0.05	0.0	90	13	0.0
8	14	8	227	13	1.05	0.43	0.03	0.0	98	15	0.3
8	20	8	233	13	0.14	0.75	0.0	0.0	90	42	0.2
8	28	8	241	13	0.14	0.64	0.0	0.0	97	57	0.0
9	5	8	249	13	0.28	0.65	0.0	0.0	108	46	0.2
9	12	8	256	13	1.96	0.51	0.0	0.0	95	44	0.2
9	18	8	262	13	2.07	0.56	0.03	0.01	92	47	0.2
9	26	8	270	13	0.03	0.0	0.04	0.0	85	54	0.2
9	30	8	274	13	0.0	0.0	0.0	0.0	85	52	0.2
10	3	8	277	13	0.29	0.21	0.25	0.0	90	50	0.2
10	10	8	284	13	0.20	0.02	0.06	0.0	85	44	0.0
10	17	8	291	13	1.60	0.0	0.05	0.02	92	55	0.0
10	24	8	298	13	0.20	0.02	0.05	0.0	95	0	0.2
10	31	8	305	13	0.20	0.0	0.05	0.06	95	0	0.2
11	7	8	312	13	0.50	0.0	0.03	0.10	100	0	0.0
11	14	8	319	13	0.70	0.0	0.08	0.01	105	0	0.0
11	21	8	326	13	5.20	0.0	0.5	0.0	110	0	0.0
12	5	8	340	13	0.0	0.0	0.0	0.0	120	0	0.0
12	12	8	347	13	0.17	0.0	0.0	0.0	141	84	0.0
12	18	8	353	13	0.22	0.0	0.0	0.0	152	92	0.0
12	26	8	361	13	633.31	0.0	0.0	0.0	170	148	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
7	3	8	185	13	6.2	43.	0.	3.	15.	56.	0.
7	11	8	193	13	6.8	38.	0.	2.	15.	28.	1204.
7	18	8	200	13	6.6	44.	0.	3.	16.	5.	630.
7	24	8	207	13	6.1	47.	0.	3.	16.	8.	223.
7	30	8	213	13	6.	66.	0.	3.	16.	9.	119.
8	4	8	218	13	6.6	52.	0.	3.	16.	1.	114.
8	15	8	227	13	6.	48.	0.	3.	15.	55.	127.
8	20	8	233	13	6.8	57.	0.	3.	16.	42.	162.
8	29	8	241	13	6.8	60.	0.	3.	16.	10.	146.
9	4	8	248	13	6.8	51.	0.	4.	15.	17.	97.
9	12	8	256	13	6.8	48.	0.	3.	14.	9.	91.
9	19	8	263	13	6.8	60.	0.	3.	15.	4.	124.
9	24	8	268	13	6.6	56.	0.	3.	15.	8.	114.
9	30	8	274	13	6.	46.	0.	3.	15.	7.	91.
10	4	8	278	13	6.8	32.	0.	3.	11.	5.	56.
10	9	8	284	13	6.1	40.	0.	3.	14.	7.	140.
10	17	8	292	13	6.6	40.	0.	3.	14.	47.	85.
10	24	8	298	13	6.8	45.	0.	3.	16.	6.	93.
10	31	8	305	13	6.9	36.	0.	3.	12.	5.	81.
11	7	8	313	13	6.	15.	0.	3.	11.	4.	30.
11	14	8	320	13	6.1	28.	0.	3.	12.	3.	64.
11	21	8	327	13	6.	30.	0.	3.	12.	4.	76.
11	26	8	332	13	6.	24.	0.	3.	8.	3.	51.
12	10	8	346	13	6.	24.	0.	3.	7.	6.	48.
12	16	8	352	13	6.	24.	0.	3.	10.	3.	62.
12	24	8	360	13	6.	24.	0.	3.	11.	4.	75.

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE AMMON	COD	BOD	SES	%VOL	MPN
7	3	0	185	13	.0	.0	.0	.0	0.0	0.0
7	11	0	193	13	.0	174.0	0.0	2133.	0.0	0.0
7	18	0	200	13	.0	.0	0.0	83.	0.0	0.0
7	25	0	207	13	.0	194.0	0.0	54.	0.0	0.0
7	31	0	213	13	.0	43.0	0.0	244.	0.0	0.0
8	4	0	218	13	.0	.0	0.0	310.	0.0	0.0
8	14	0	227	13	.0	204.0	0.0	286.	0.0	0.0
8	20	0	233	13	.0	12.0	0.0	421.	0.0	0.0
8	28	0	241	13	.0	172.	0.0	387.	0.0	0.0
9	5	0	249	13	.0	84.0	0.0	149.	0.0	0.0
9	12	0	256	13	.0	24.0	0.0	156.	0.0	46.0
9	19	0	263	13	.2	13.	0.0	180.	0.0	0.0
9	24	0	27	13	.5	15.	0.0	21.	0.0	0.0
9	3	0	276	13	.4	.0	0.0	14.	0.0	0.0
10	4	0	277	13	.0	10.	0.0	186.	0.0	0.0
10	10	0	284	13	.1	8.	0.0	221.	0.0	0.0
10	17	0	291	13	.0	11.	0.0	211.	0.0	0.0
10	24	0	298	13	.0	3.	0.1	12.	0.0	0.0
10	31	0	305	13	.0	10.	0.0	24.	0.0	0.0
11	7	0	312	13	.0	0.	0.0	196.	0.0	0.0
11	14	0	319	13	.3	4.	0.0	181.	0.0	0.0
11	21	0	326	13	.0	4.	0.0	0.	0.0	0.0
12	5	0	340	13	.0	3.	0.0	197.	0.0	0.0
12	12	0	347	13	.0	2.	0.0	146.	0.0	0.0
12	19	0	354	13	.1	3.	0.0	137.	0.0	0.0
12	26	0	361	13	.0	4.	0.0	211.	0.0	0.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL NO	FE MG/L	ZN MG/L	NI MG/L	CU MG/L	TDS MG/L	ALK MG/L	NO3 MG/L
7	3	8	185	14	0.04	0.22	0.04	0.0	0	12	0.0
7	11	8	193	14	0.25	0.05	0.0	0.0	0	15	0.0
8	6	8	219	14	0.16	0.02	0.04	0.0	0	14	0.0
8	14	8	227	14	0.10	0.10	0.03	0.01	70	12	0.0
9	12	8	256	14	0.51	0.02	0.04	0.0	75	14	0.0
10	10	8	284	14	0.0	0.05	0.02	0.01	70	14	0.0
11	7	8	312	14	0.10	0.03	0.07	0.05	70	0	0.0
12	5	8	340	14	0.51	0.0	0.0	0.0	70	0	0.7

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	PH	HARD	PO4	SO4	CL	NA	SS
7	3	8	185	14	6.4	50.0	0.0	4.0	11.0	28.0	0.0
7	11	8	193	14	6.2	48.0	0.0	3.0	11.0	26.0	0.0
7	18	8	200	14	6.0	48.0	0.0	5.0	11.0	18.0	176.0
8	14	8	227	14	6.0	37.0	0.0	6.0	12.0	18.0	131.0
9	12	8	256	14	6.0	30.0	0.0	10.0	12.0	10.0	108.0
10	1	8	284	14	6.0	41.0	0.0	8.0	13.0	7.0	110.0
11	7	8	312	14	6.0	44.0	0.0	4.0	12.0	4.0	92.0
12	6	8	341	14	6.0	89.0	0.0	4.0	7.0	5.0	97.0

FIELD CHEMICAL ANALYSIS

MO	DA	YR	DAY NO	WELL	N FREE	NAMON	COD	BOD	RES	%VOL	MPN
7	3	8	185	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	11	8	193	14	0.0	0.0	189.0	0.0	0.0	0.0	0.0
7	18	8	220	14	0.0	0.0	0.0	0.0	1380.0	0.0	0.0
8	14	8	227	14	0.0	0.0	193.0	0.0	479.0	0.0	0.0
9	12	8	256	14	0.0	0.0	20.0	0.0	300.0	0.0	32.0
10	10	8	284	14	0.0	0.0	82.0	0.0	214.0	0.0	0.0
11	7	8	312	14	0.0	0.6	41.0	0.0	193.0	0.0	0.0
12	5	8	340	14	0.0	0.4	24.0	0.0	223.0	0.0	0.0